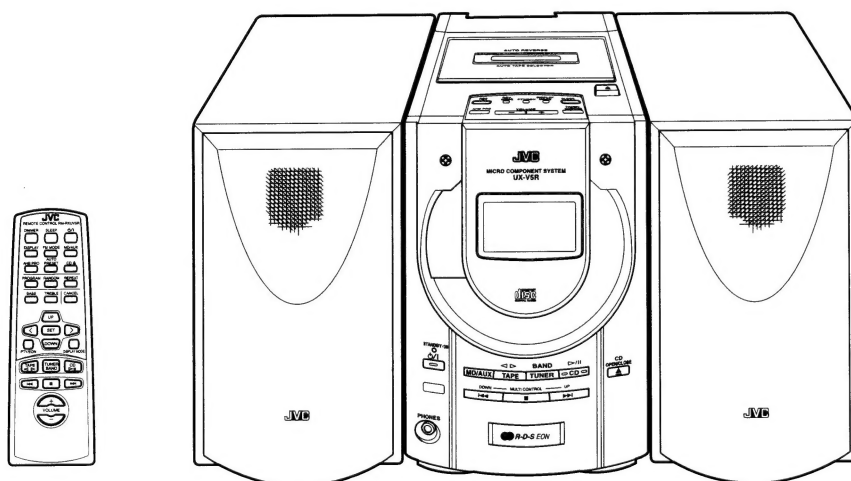


# JVC

# SERVICE MANUAL

## MICRO COMPONENT SYSTEM

### UX-V3 UX-V5 / V5R FS-V5



UX-V5R **R-D-S EON**

**COMPACT**  
**disc**  
**DIGITAL AUDIO**

#### Area Suffix (UX-V3)

A ..... Australia  
B ..... U.K.  
E ..... Continental Europe  
EE --- Russian Federation  
EN ---- Northern Europe  
EV ----- Eastern Europe

UB ..... Hong Kong  
US ..... Singapore  
UT ..... Taiwan  
UX ..... Saudi Arabia  
UF ..... China

#### Area Suffix (UX-V5)

A ..... Australia  
UB ..... Hong Kong  
US ..... Singapore  
UT ..... Taiwan  
UX ..... Saudi Arabia

#### Area Suffix (UX-V5R)

B ..... U.K.  
E ..... Continental Europe  
EE -- Russian Federation  
EN ---- Northern Europe  
EV ---- Eastern Europe

#### Areas Suffix (FS-V5)

J ..... U.S.A.

## Contents

Safety Precautions .....	1-2
Important for Laser Products .....	1-3
Instructions .....	1-5~41
Disassembly Method .....	2-1
Main Adjustment .....	2-11
Flow of Functional Operation	
Until TOC read .....	2-15

Description of major ICs .....	2-17
Block Diagrams .....	2-29
Schematic Diagrams .....	2-31
Printed Circuit Boards .....	2-39
Parts List .....	3-1~30
Parts List (U version) .....	4-1~29

## Safety precautions

1. This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by ( $\triangle$ ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage current check (Electrical shock hazard testing)  
After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

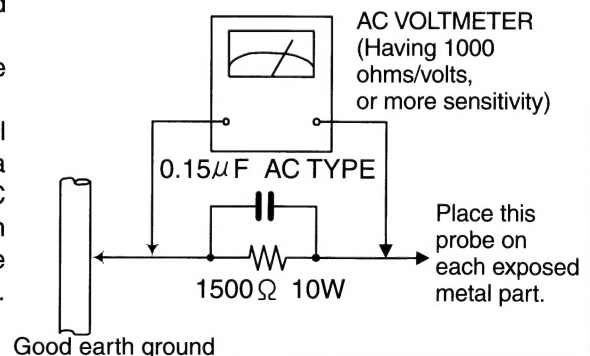
- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.)

- Alternate check method

Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500 $\Omega$  10W resistor paralleled by a 0.15 $\mu$ F AC-type capacitor between an exposed metal part and a known good earth ground.

Measure the AC voltage across the resistor with the AC voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now reverse the plug in the AC outlet and repeat each measurement voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



## Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

**CAUTION** Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.

# Important for laser products

## 1.CLASS 1 LASER PRODUCT

**2.DANGER :** Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

**3.CAUTION :** There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

**4.CAUTION :** The compact disc player uses invisible laserradiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

**5.CAUTION :** If safety switches malfunction, the laser is able to function.

**6.CAUTION :** Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**CAUTION** Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

**VARNING :** Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen.

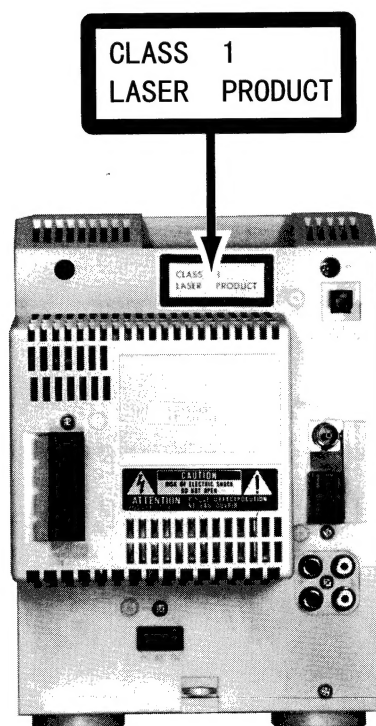
**VARO :** Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen.

**ADVARSEL :** Usynlig laserstrålning ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

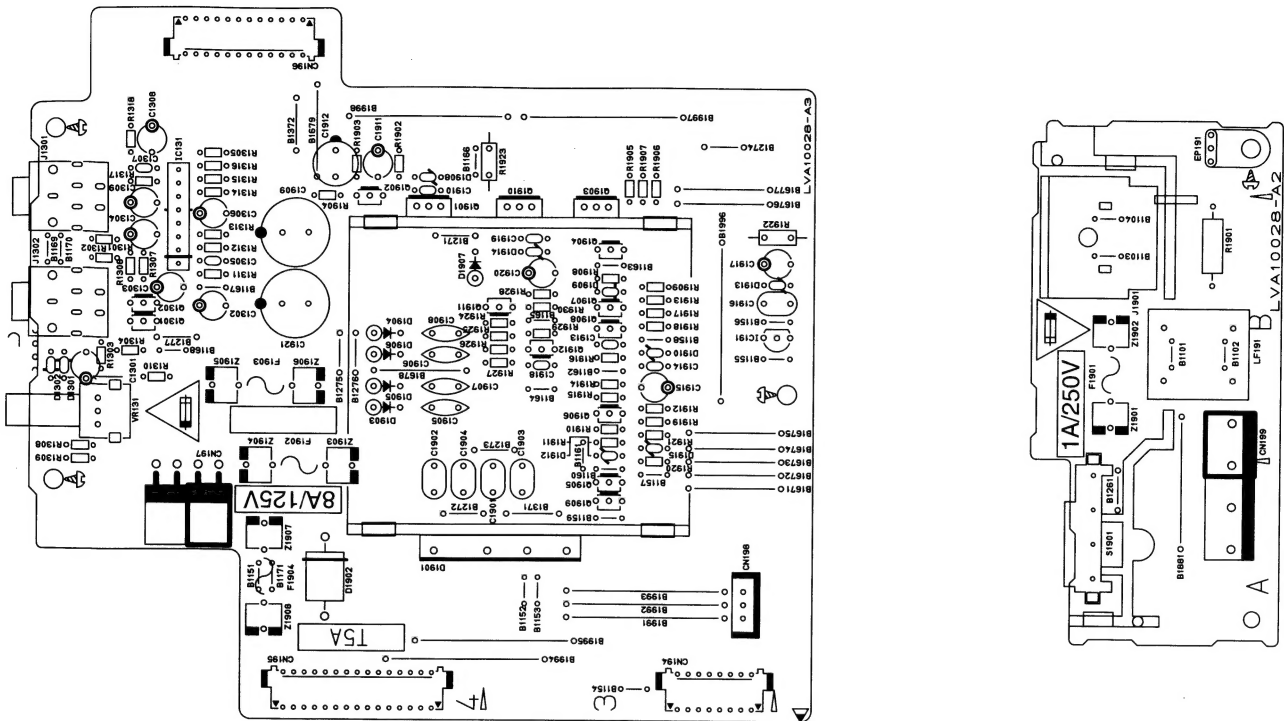
**ADVARSEL :** Usynlig laserstrålning ved åbning,når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

## REPRODUCTION AND POSITION OF LABELS


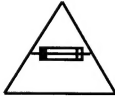
### WARNING LABEL



■ Importance Administering point on the Safety



Note : It's means "J" for U.S.A. market model and "C" for canada market model.

<p><b>UX-V3/UX-V5 C/J ONLY</b></p> <p><b>Full Fuse Replacement Marking</b></p> <p>Graphic symbol mark (This symbol means fast blow type fuse.)</p>  <p>should be read as follows ;</p> <p><b>FUSE CAUTION</b></p> <p><b>FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSES ;</b></p> <p><b>F1901 : 1 A / 250 V</b> <b>F1902 : 8 A / 125 V</b></p>	<p><b>UX-V3/UX-V5 C/J SEULEMENT</b></p> <p><b>Marquage Pour Le Remplacement Complet De Fusible</b></p> <p>Le symbole graphique (Ce symbole signifie fusible de type à fusion rapide.)</p>  <p>doit être interprété comme suit ;</p> <p><b>PRECAUTIONS SUR LES FUSIBLES</b></p> <p><b>POUR UNE PROTECTION CONTINUE CONTRE DES RISQUES D'INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DU MEME TYPE ;</b></p> <p><b>F1901 : 1 A / 250 V</b> <b>F1902 : 8 A / 125 V</b></p>
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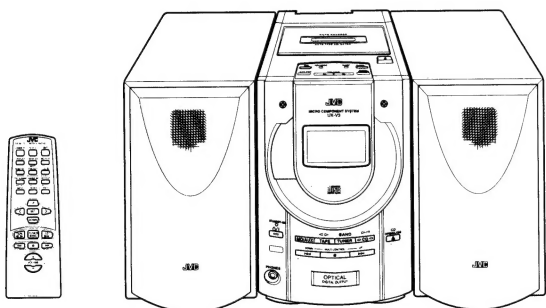


# JVC



**MICRO COMPONENT SYSTEM**  
**MIKRO-KOMPONENTEN-SYSTEM**  
**SYSTEME DE MICROCOMPOSANTS**  
**MIKRO KOMPONENTEN-SYSTEEM**  
**SISTEMAS DE MICROCOMPONENTES**  
**SISTEMA A MICROCOMPONENTI**

## UX-V3



**COMPACT**  
**disc**  
**DIGITAL AUDIO**

**INSTRUCTIONS**  
**BEDIENUNGSANLEITUNG**  
**MANUEL D'INSTRUCTIONS**  
**GEbruiksAANWIJZING**  
**MANUAL DE INSTRUCCIONES**  
**ISTRUZIONI**

For Customer Use:  
 Enter below the Model No. and Serial No.  
 which are located either on the rear, bot-  
 tom or side of the cabinet. Retain this  
 information for future reference.

Model No. \_\_\_\_\_  
 Serial No. \_\_\_\_\_

LVT0215-001A  
 [E]

# Instructions

**Warnings, Cautions and Others / Warnung, Achtung und sonstige Hinweise / Mises en garde, précautions et indications diverses / Waarschuwingen, voorzorgen en andere mededelingen / Avisos, precauciones y otras notas / Avvertenze e precauzioni da osservare**

**Caution —  $\phi$ I switch!**

Disconnect the mains plug to shut the power off completely. The  $\phi$ I switch in any position does not disconnect the mains line. The power can be remote controlled.

**Achtung —  $\phi$ I Schalter!**

Den Netzstecker aus der Steckdose ziehen, um die Stromversorgung vollkommen zu unterbrechen. Der Schalter  $\phi$ I unterbricht in keiner Stellung die Stromversorgung vollkommen. Die Stromversorgung kann mit der Fernbedienung ein- und ausgeschaltet werden.

**Attention — Commutateur  $\phi$ I!**

Déconnecter la fiche de secteur pour couper complètement le courant. Le commutateur  $\phi$ I ne coupe jamais complètement la ligne de secteur, quelle que soit sa position. Le courant peut tre télécommandé.

**Voorzichtig —  $\phi$ I schakelaar!**

Om de stroomtoevoer geheel uit te schakelen, trekt u de stekker uit het stopcontact. Anders zal er altijd een geringe hoeveelheid stroom naar het apparaat lopen, ongeacht de stand van de  $\phi$ I schakelaar. U kunt het apparaat ook met de afstandsbediening aan- en uitschakelen.

**Precaución — Interruptor  $\phi$ I!**

Desconectar el cable de alimentación para desactivar la alimentación totalmente. Cualquier que sea la posición de ajuste del interruptor  $\phi$ I, la alimentación no es cortada completamente. La alimentación puede ser controlada remotamente.

**Attenzione — L'interruttore  $\phi$ I!**

Disinserire la spina del cavo di alimentazione dalla presa della rete elettrica per staccare completamente l'alimentazione. L'interruttore  $\phi$ I in nessuna posizione stacca la linea di alimentazione elettrica principale. È possibile il controllo remoto dell'alimentazione.

**Per l'Italia:**

"Si dichiara che il questo prodotto di marca JVC è conforme alle prescrizioni del Decreto Ministeriale n.548 del 28/08/95 pubblicato sulla Gazzetta Ufficiale della Repubblica Italiana n.301 del 28/12/95."

**CAUTION**

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

**ACHTUNG**

Zur Verhinderung von elektrischen Schlägen, Brandgefahr, usw.:

1. Keine Schrauben lösen oder Abdeckungen entfernen und das Gehäuse nicht öffnen.
2. Dieses Gerät weder Regen noch Feuchtigkeit aussetzen.

**ATTENTION**

Afin d'éviter tout risque d'électrocution, d'incendie, etc.:

1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

**VOORZICHTIG**

Ter vermindering van gevaar voor brand, elektrische schokken, enz.:

1. Verwijder geen schroeven, panelen of de behuizing.
2. Stel het toestel niet bloot aan regen of vocht.

**PRECAUCIÓN**

Para reducir riesgos de choques eléctricos, incendio, etc.:

1. No extraiga los tornillos, los cubiertas ni la caja.
2. No exponga este aparato a la lluvia o a la humedad.

**ATTENZIONE**

Per ridurre il rischio di shock elettrici, incendi, ecc.:

1. Non togliete viti, coperchi o la scatola.
2. Non esponete l'apparecchio alla pioggia e all'umidità.

**Caution: Proper Ventilation**

To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

- 1 Front:  
No obstructions and open spacing.
- 2 Sides/ Top/ Back:  
No obstructions should be placed in the areas shown by the dimensions below.
- 3 Bottom:  
Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

**Vorsicht: Ausreichende Belüftung**

Zur Vermeidung von elektrischen Schlägen, Feuer und sonstigen Schäden sollte das Gerät unter folgenden Bedingungen aufgestellt werden:

- 1 Vorderseite:  
Hindernisfrei und gut zugänglich.
- 2 Seiten- und Rückwände:  
Hindernisfrei in allen gegebenen Abständen (s. Abbildung).
- 3 Unterseite:  
Die Stellfläche muß absolut eben sein. Sorgen Sie für ausreichende Luftzufuhr durch Aufstellung auf einem Stand mit mindestens 10 cm Höhe.

**Attention: Aération correcte**

Pour prévenir tout risque de décharge électrique ou d'incendie et éviter toute détérioration, installez l'appareil de la manière suivante:

- 1 Avant:  
Bien dégagé de tout objet.
- 2 Côtés/dessus/dessous:  
Assurez-vous que rien ne bloque les espaces indiqués sur le schéma ci-dessous.
- 3 Dessous:  
Posez l'appareil sur une surface plane et horizontale. Veillez à ce que sa ventilation correcte puisse se faire en le plaçant sur un support d'au moins dix centimètres de hauteur.

**Voorzichtig: Goede ventilatie vereist**

Om brand, elektrische schokken en beschadiging te voorkomen, moet u het toestel als volgt opstellen:

- 1 Voorkant:  
Geen belemmeringen en voldoende ruimte.
- 2 Zijkant/boven-/onderkant:  
Geen belemmeringen plaatsen in de hieronder aangegeven zones.
- 3 Onderkant:  
Op vlakke ondergrond plaatsen. Voldoende ventilatieruimte voorzien door het toestel op een onderstel met een hoogte van 10 cm of meer te plaatsen.

**Precaución: ventilación correcta**

Para evitar el riesgo de descargas eléctricas e incendio y prevenir posibles daños, instale el equipo en un lugar que cumpla los siguientes requisitos:

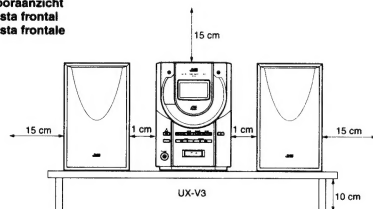
- 1 Parte frontal:  
Sin obstrucciones, espacio abierto.
- 2 Lados/parte superior/parte posterior:  
No debe haber ninguna obstrucción en las áreas mostradas por las dimensiones de la siguiente figura.
- 3 Parte inferior:  
Sitúe el equipo sobre una superficie nivelada. Mantenga un espacio adecuado para permitir el paso del aire y una correcta ventilación, situando el equipo sobre un soporte de 10 o más cm de altura.

**Attenzione: Per una corretta ventilazione**

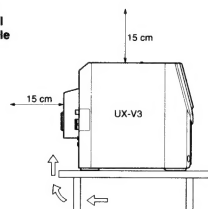
Per prevenire il rischio di scosse elettriche e di incendio ed evitare possibili danni, collocare le apparecchiature nel modo seguente:

- 1 Parte anteriore:  
Nessun ostacolo e spazio libero.
- 2 Lat/Parte superiore/Retro:  
Lasciare libere le zone indicate dalle dimensioni di seguito.
- 3 Base:  
Collocare su una superficie piana. Consentire un'adeguata ventilazione dell'impianto appoggiandolo su un tavolino alto almeno 10 cm.

Front view  
Vorderansicht  
Face  
Vooraanzicht  
Vista frontal  
Vista frontale



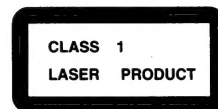
Side view  
Seitenansicht  
Côté  
Zijaanzicht  
Vista lateral  
Vista laterale



**IMPORTANT FOR LASER PRODUCTS/ WICHTIGER HINWEIS FÜR LASER-PRODUKTE / IMPORTANT POUR LES PRODUITS LASER / BELANGRIJKE INFORMATIE VOOR LASERPRODUKTEN / IMPORTANTE PARA LOS PRODUCTOS LASER / IMPORTANTE PER I PRODOTTI LASER**

**REPRODUCTION OF LABELS/ANBRINGUNGSORTE FÜR LASER-PRODUKTE/REPRODUCTION DES ÉTIQUETTES/VERKLARING VAN DE LABELS/REPRODUCCIÓN DE ETIQUETAS/RIPRODUZIONE DELLE ETICHETTE**

- |  |   |
|--|---|
| ① CLASSIFICATION LABEL, PLACED ON EXTERIOR SURFACE                 | ② WARNING LABEL, PLACED INSIDE THE UNIT                         |
| ① KLASSIFIZIERUNGSHINWEIS BEFINDET SICH AUF DER AUßENSEITE         | ② WARNETIKETTE IM GERÄTEINNEREN                                 |
| ① ÉTIQUETTE DE CLASSIFICATION, PLACÉE SUR LA SURFACE EXTÉRIEURE    | ② ÉTIQUETTE D'AVERTISSEMENT PLACÉE À L'INTÉRIEUR DE L'APPAREIL  |
| ① CLASSIFICATIE-ETIKET AAN DE BUITENKANT VAN HET APPARAAT          | ② WAARSCHUWINGSLABEL, IN HET APPARAAT                           |
| ① ETIQUETA DE CLASIFICACION, PROVISTA SOBRE LA SUPERFICIE EXTERIOR | ② ETIQUETA DE ADVERTENCIA, PEGADA EN EL INTERIOR DE LA UNIDAD   |
| ① ETICHETTA DI CLASSIFICAZIONE POSTA ALL'ESTERNO                   | ② ETICHETTA DI AVVERTENZA, SITUATA ALL'INTERNO DELL'APPARECCHIO |



<b>DANGER:</b> Invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (A)	<b>VARNING:</b> Önsynlig laserstrålning när dörrarna öppnas och spärrarna felaktigt öppnas. Undvik skada av strålning. (A)	<b>AVVARESEL:</b> Utsynlig laserstrålning når åbning, når låsvernfeil eller låsvern er slått av. Unngå skade av strålning. (A)	<b>VARO:</b> Avseende på risk påstrålning, undvik strålning vid öppning. Undvik skada av strålning. (A)
---	--	--	---

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.

1. LASER-PRODUKT DER KLASSE 1
2. **GEFAHR:** Unsichtbare Laserstrahlung bei Öffnung und fehlerhafter oder beschädigter Spre. Direkten Kontakt mit dem Strahl vermeiden!
3. **ACHTUNG:** Das Gehäuse nicht öffnen. Das Gerät enthält keinerlei Teile, die vom Benutzer gewartet werden können. Überlassen Sie Wartungsarbeiten bitte qualifizierten Kundendienst-Fachleuten.

1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** Radiation laser invisible quand l'appareil est ouvert ou que le verrouillage est en panne ou désactivé. Eviter une exposition directe au rayon.
3. **ATTENTION:** Ne pas ouvrir le couvercle du dessus. Il n'y a aucune pièce utilisable à l'intérieur. Laisser à un personnel qualifié le soin de réparer votre appareil.

1. KLAS 1 LASERPRODUKT
2. **GEVAARLIJK:** Onzichtbare laserstraling wanneer open en de beveiliging faalt of uitgeschakeld is. Voorkom het direct blootstaan aan de straal.
3. **VOORZICHTIG:** De bovenkap niet openen. Binnenin het toestel bevinden zich geen door de gebruiker te repareren onderdelen: laat onderhoud over aan bekwaam vakpersoneel.

1. PRODUCTO LASER CLASE 1
2. **PELIGRO:** En el interior hay radiación láser invisible. Evite el contacto directo con el haz.
3. **PRECAUCIÓN:** No abra la tapa superior. En el interior de la unidad no existen piezas reparables por el usuario; deje todo servicio técnico en manos de personal calificado.

1. PRODOTTO LASER CLASSE 1
2. **PERICOLO:** Radiazione laser invisibile quando l'apparecchio è aperto ed il dispositivo di sicurezza è guasto o disattivato. Evitare l'esposizione diretta ai raggi.
3. **ATTENZIONE:** Non aprire il coperchio superiore. Non vi sono parti adoperabili dall'utente all'interno di questo apparecchio; lasciare tutti i controlli a personale qualificato.

Thank you for purchasing the JVC Micro Component System.  
We hope it will be a valued addition to your home, giving you years of enjoyment.  
Be sure to read this instruction manual carefully before operating your new stereo system.  
In it you will find all the information you need to set up and use the system.  
If you have a query that is not answered by the manual, please contact your dealer.

## Features

Here are some of the things that make your System both powerful and simple to use.

- The controls and operations have been redesigned to make them very easy to use, freeing you to just enjoy the music.
  - With JVC's **COMPU PLAY** you can turn on the System and automatically start the Radio, Cassette deck or CD Player with a single touch.
- The System incorporates Active Hyper Bass PRO circuitry to faithfully reproduce low frequency sounds.
- A 45-station preset capability (30 FM and 15 AM (MW/LW)) in addition to auto-seek and manual tuning.
- Versatile CD options include repeat, random and program play.
- Timer functions; Daily Timer and Sleep Timer.
- Auto-reverse tape function.
- You can connect various external units, such as an MD recorder.



## How This Manual Is Organized

- Basic information that is the same for many different functions - e.g. setting the volume - is given in the section 'Common Operations', and not repeated under each function.
- The names of buttons/controls and display messages are written in all capital letters: e.g. TUNER BAND, "NO DISC".
- System functions are written with an initial capital letter only: e.g. Normal Play.

Use the table of contents to look up specific information you require.

We've enjoyed making this manual for you, and hope it serves you in enjoying the many features built into your System.

## IMPORTANT CAUTIONS

### Installation of the System

- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the System and a TV.
- Do not use the System in a place subject to vibrations.

### Power cord

- Do not handle the power cord with wet hands!
- Some power is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.

### Malfunctions, etc.

- There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the System.

# Table of Contents

Features .....	1	Using the Timers .....	16
How This Manual Is Organized .....	1	Care And Maintenance .....	18
IMPORTANT CAUTIONS .....	1	Troubleshooting .....	19
Getting Started .....	2	Specifications .....	20
Common Operations .....	6		
Using the Tuner .....	8		
Using the CD Player .....	10		
Using the Cassette Deck (Listening to a Tape) ....	12		
Using the Cassette Deck (Recording) .....	13		
Using External Equipments .....	15		

# Getting Started

## Accessories

Make sure that you have all of the following items, which are supplied with the System.

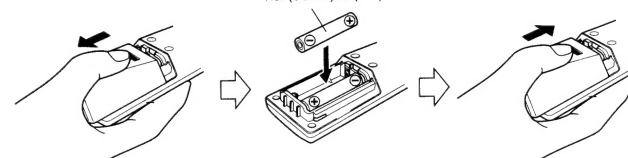
- Power Cord (1)
- AM Loop Antenna (1)
- Remote Control (1)
- Batteries (2)
- FM Wire Antenna (1)

If any of these items are missing, contact your dealer immediately.

## How To Put Batteries In the Remote Control

Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment.

R6P(SUM-3)/AA(15F)



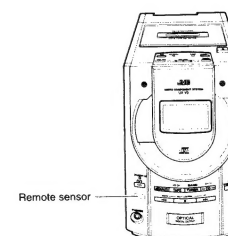
### CAUTION: Handle batteries properly.

To avoid battery leakage or explosion:

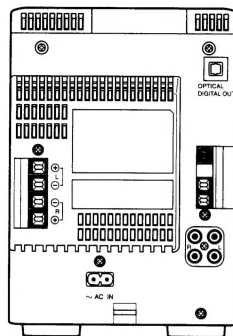
- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery with a new one.
- Don't use different types of batteries together.

## Using the Remote Control

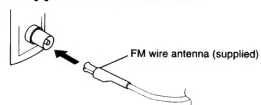
The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away.  
You need to point the Remote Control at the remote sensor on the System's front panel.



**CAUTION: Make all connections before plugging the System into an AC power outlet.**

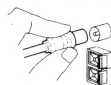


### Using the Supplied Wire Antenna

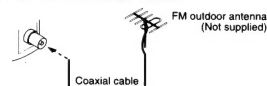


### Using the Coaxial Type Connector (Not Supplied)

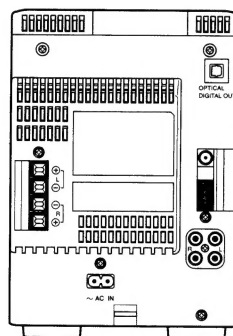
A 75-ohm antenna with coaxial type connector (IEC or DIN45 325) should be connected to the FM 75-ohm COAXIAL terminal.



If reception is poor, connect the outside antenna.



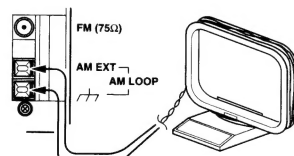
**Note:** Before attaching a 75 ohm coaxial lead (the kind with a round wire going to an outside antenna), disconnect the supplied FM Wire Antenna.



AM loop antenna (Supplied)



Attach the AM loop to its base by snapping the tabs on the loop into the slot in the base.



Turn the loop until you have the best reception.

**CAUTION: To avoid noise, keep antennas away from the System, the connecting cord and the AC power cord.**

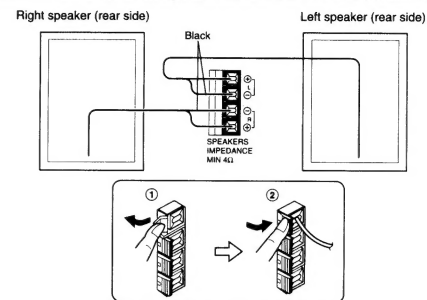
English

English

**CAUTION: Make all connections before plugging the System into an AC power outlet.**

For each speaker, connect one end of the speaker wire to the speaker terminals on the back of the System.

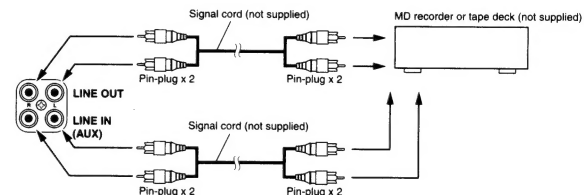
1. Open each of the terminals and insert the speaker wires firmly, then close the terminals.
2. Connect the red (+) and black (-) wires of the right side speaker to the red (+) and black (-) terminals marked R on the System. Connect the red (+) and black (-) wires of the left side speaker to the red (+) and black (-) terminals marked L on the System.



**CAUTION: A TV may display irregular colors if located near the speakers. If this happens, set the speakers away from the TV.**

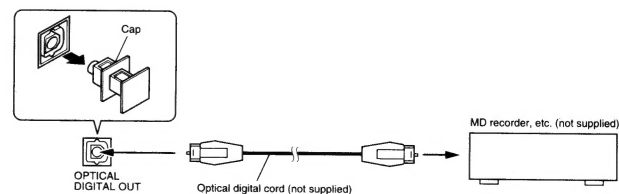
Connect signal cords (not supplied) between the System's LINE IN (AUX)/LINE OUT terminals and the output/input terminals of the external MD recorder, tape deck, etc.

You can then listen to the external source through the System, or record the System's CD player, cassette tape, or tuner to the external unit.

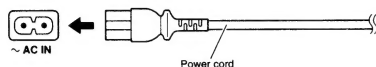


Unplug the cap and connect an optical digital cord (not supplied) between the System's OPTICAL DIGITAL OUT terminal and the input terminal of the MD recorder, etc.

You can record the digital output signal from the System's CD Player to the MD recorder, etc.



Firmly insert the supplied AC power cord into the AC inlet on the back of the Unit.



#### CAUTIONS:

- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

Now you can plug the AC power cord into the wall outlet, and your System is at your command!

JVC's COMPU PLAY feature lets you control the most frequently used System functions with a single touch.

With One Touch Operation you can play a CD, a tape, turn on the radio, or listen to an external equipment with a single press of the play button for that function. One Touch Operation turns the power on for you, then starts the function you have specified. If the System is not ready (no CD in place), the System still powers on so you can insert a CD.

How One Touch Operation works in each case is explained in the section dealing with that function.

The COMPU PLAY buttons are:

#### On the Unit

CD >|| button  
TUNER BAND button  
TAPE <|> button  
MD/AUX button

#### On the Remote Control

CD >|| button  
TUNER BAND button  
TAPE <|> button  
MD/AUX button

The System automatically turns on with the following operation.

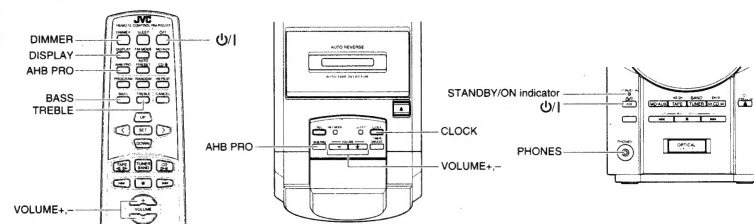
- When you press the CD >|| button, the System automatically turns on and the CD cover opens to allow CD insertion. However, this operation does not change the function to CD.

When you press the <||> button to turn off the System, the CD cover will automatically closed if it is opened.

English

English

## Common Operations



### Turning the System On and Off

#### Turning the System On

##### Press the <||> button.

The display comes on and "HELLO" is displayed once. The STANDBY/ON indicator lights in green.

The System comes on ready to continue in the mode it was in when the power was last turned off.

- For example, if the last thing you were doing was listening to a CD, you are now ready to listen to a CD again. If you wish, you can change to another source.

- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

#### Turning the System Off

##### Press the <||> button again.

"GOOD BYE" is displayed and the display goes out, except for the clock display. The STANDBY/ON indicator lights in red.

- Some power is always consumed even though power is turned off (called Standby Mode).

- To switch off the System completely, unplug the AC power cord from the wall outlet. When you unplug the AC power cord, the clock will be reset to 0:00 after about 20 minutes.

### Adjusting the Volume

Press the VOLUME + button to increase the volume or press the VOLUME - button to decrease it.



You can adjust the volume level between 0 and 50.

**CAUTION: DO NOT turn on the System and/or start playing any source without first setting the VOLUME control to minimum, as a sudden blast of sound could damage your hearing, speakers and/or headphones.**

#### For private listening

Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers.

Be sure to turn down the volume before connecting or putting on headphones.

You can adjust the brightness of the backlighting for the display.

#### When the System is Turned On

To make the brightness of the backlighting darker, press the DIMMER button on the Remote Control.

To make the brightness brighter, press the DIMMER button on the Remote Control again.

#### When the System is Turned Off (STANDBY MODE)

To turn on the backlighting, press the DIMMER button on the Remote Control. The brightness is the same as for darker one mentioned above.

To turn off the backlighting, press the DIMMER button on the Remote Control again.

## Reinforcing the Bass Sound (AHB PRO)

You can reinforce the bass sound to maintain rich, full bass at low volume (you can use this effect only for playback).

**To get the effect,** press the AHB (Active Hyper Bass) PRO button.

The "BASS" indicator lights up on the display.

**To cancel the effect,** press the button again.

The "BASS" indicator goes out.

## Tone Control (BASS/TREBLE)

You can control the tone by changing the bass and treble.

The analog clock acts to display the bass and treble settings. By pressing either the BASS or TREBLE button on the Remote Control, you can visually see the current tone control settings.

Examples:

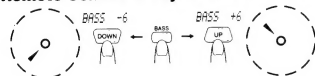


## BASS Control

You can adjust the bass level (low frequency range level) between -6 and +6. (0: Flat)

**1. Press the BASS button on the Remote Control.**

**2. Press the UP or DOWN button on the Remote Control to adjust the bass level.**

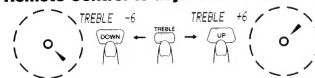


## TREBLE Control

You can adjust the treble level (high frequency range level) between -6 and +6. (0: Flat)

**1. Press the TREBLE button on the Remote Control.**

**2. Press the UP or DOWN button on the Remote Control to adjust the treble level.**



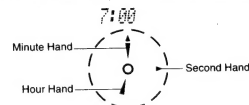
## Showing the Time (CLOCK)

In Standby mode, the digital clock and analog clock appear on the display at the same time. Meanwhile, only the analog clock is displayed when a music source is selected. Namely, you can see the analog clock at all times.

When the System is turned on, you can display the digital clock at any time.

**To display the digital clock,** press the CLOCK button on the Unit or DISPLAY button on the Remote Control.

**To return to the previous mode,** press the same button again.

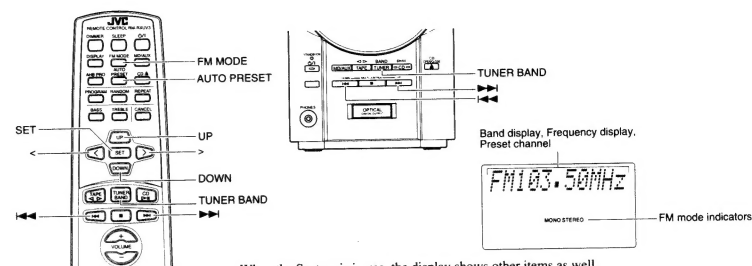


**Note:** To let work the clock, you need to set the clock beforehand. (See "Setting the Clock" on page 16.)

English

English

## Using the Tuner



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

You can listen to FM and AM (MW/LW) stations. Stations can be tuned in manually, automatically, or from preset memory storage.

**Before listening to the radio:**

- Make sure that both the FM and AM (MW/LW) antennas are correctly connected. (See page 3).

## One Touch Radio

Just press the TUNER BAND button to turn on the System and start playing the station you were last tuned to.

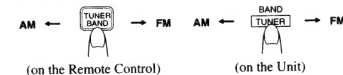
- You can switch from any other sound source to the radio by pressing the TUNER BAND button.

## Press the TUNER BAND button.

The Band and Frequency you were last tuned to appear on the display.

(If the last station was selected using the preset number, the preset number appears first.)

Each time you press the button, the band alternates between FM and AM (MW/LW).



## Select a station using one of the following methods.

### Manual Tuning

Press the << or >> button on the Unit or the Remote Control repeatedly to move from frequency to frequency until you find the station you want.

OR

### Auto Tuning

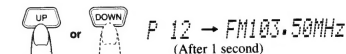
If you press and hold the << or >> button on the Unit or the Remote Control for one second or more, the frequency changes down, or up, automatically until a station is found.

OR

## Preset Tuning using the Remote Control (Possible only after presetting stations)

Select the desired preset number using the Up, Down, > and < button on the Remote Control. After 1 second the display will show the preset number's band and frequency.

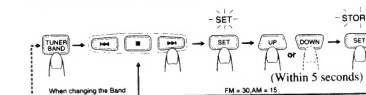
Example: Press the UP button until the preset number 12 "P12" appears.



You can preset up to 30 FM stations and up to 15 AM (MW/LW) stations using the Remote Control.

**Note:** Preset numbers may have been set to factory test frequencies prior to shipment. This is not a malfunction. You can preset the stations you want into memory by following one of the presetting methods below.

## Manual Presetting



## Select a band by pressing the TUNER BAND button.

**Press the << or >> button to tune in a station.**

## Press the SET button.

"SET" will blink for 5 seconds.

Within 5 seconds, proceed to the next step.

When the display returns to the one set in STEP2 after 5 seconds, press the SET button again.



- 4 Press the UP, DOWN, >, or < button within 5 seconds to select the preset number.

UP or > button: Increases the preset number by 1.  
DOWN or < button: Decreases the preset number by 1.  
• When the > or < button is kept pressed, the preset number changes rapidly.

- 5 Press the SET button within 5 seconds.

"STORED" appears and after 2 seconds, the display returns to the broadcast frequency display.

- 6 Repeat above steps 1 to 5 for each station you want to store in memory with a preset number.

To change the preset stations, repeat the same steps as above.

### Auto Presetting

In each band, you can automatically preset FM-30, AM (MW/LW)-15 stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up the frequency.



- 1 Select a band by pressing the TUNER BAND button.
- 2 Press the AUTO PRESET button on the Remote Control for more than two seconds.
- 3 Repeat steps 1-2 for the other band.

- If you want to change the preset stations, carry out the Manual Presetting for the desired preset numbers.

**CAUTION:** Even if the system is unplugged or if the power failure occurs, the preset stations will be stored for about 24 hours. However, in case the preset stations are erased, you will need to preset the stations again.

### To Change the FM Reception Mode

When you are tuned into an FM stereo broadcast, the "STEREO" indicator lights up and you can hear stereo effects. If an FM stereo broadcast is hard to receive or noisy, you can select Monaural mode. Reception improves, but you lose any stereo effect.

Press the FM MODE button on the Remote Control so that the "MONO" indicator lights up on the display.

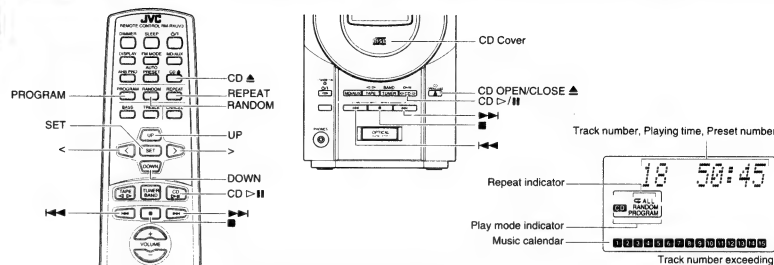


To restore the stereo effect, press the FM MODE button on the Remote Control so that the "MONO" indicator goes off.

English

English

## Using the CD Player



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

You can use Normal, Random, Program or Repeat Play. Repeat Play can repeat all the tracks or just one of the tracks on the CD. Here are the basic things you need to know to play a CD and locate the different tracks on it.

### The Quickest Way To Start a CD Is With the One Touch Operation

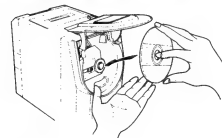
- Press the CD >/II button on the Unit or the Remote Control.
- The power is automatically turned on. If a CD is already inserted, it will start playing from the first track.
- If no CD is inserted, "NO DISC" appears on the display and the CD Player remains in Stop mode.

### To Insert a CD

- 1 Press the CD OPEN/CLOSE button on the Unit (or the CD button on the Remote Control.)

The CD cover opens.

- 2 Place a CD, with its label side out as shown below. Press down on the CD's center until you hear a click.



- 3 Press the CD OPEN/CLOSE button (or CD button) again to close the CD cover.

- To close the CD cover and play the CD, you can just press the CD >/II button.
- You can place an 8 cm (3") CD without an adaptor.
- If the CD cannot be read correctly (because it is scratched, for example), "0 0:00" appears on the display.
- You can insert a CD while listening to the other source.

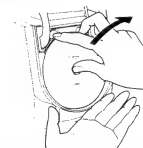
### CAUTIONS:

- DO NOT try to open or close the CD cover by hands as it will be damaged.

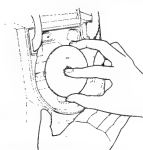
- When you place or take out a CD, do not let it fall. Also, be careful not to scratch your fingers with a CD cover.

### To Unload a CD

Take out the CD as shown below.



- To unload an 8 cm (3") CD, use the concavity to make removal easier.



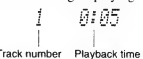
### Basics of Using the CD Player-Normal Play

#### To Play a CD

- 1 Insert a CD.

- 2 Press the CD >/II button.

The first track of the CD begins playing.



Track number Playback time

- The track number that has already played disappears from the music calendar.
- The CD Player automatically stops when the last track of the CD has finished playing.

To stop playing the CD, press the ■ button.  
The following information for the CD is displayed.

18 50:45  
Total track number Total playback time

To stop playing and remove the CD, press the CD OPEN/CLOSE ▲ button on the Unit or CD ▲ button on the Remote Control to open the CD cover.

To pause, press the CD >|| button. The playback time blinks on the display.

To cancel pause, press the same button again. Play continues from the point where it was paused.

### To Select a Track or Passage within a Track

During playback, press the < or > button to select the track you want.

The selected track starts playing.

- Press the > or > button once to skip to the beginning of the next track.
- Press the < or < button to skip to the beginning of the track being played. Press twice quickly to skip to the beginning of the previous track.
- When the > or < button on the Remote Control is kept pressed, the track continuously skips.

### Search Play

Holding down the < or > button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the track you are listening to.

You can program the playing order of the tracks using the Remote Control.

- You can program up to 20 tracks in any desired order including the same tracks.
- You can only make a program when the CD Player is stopped.

#### Insert a CD.

#### Press the CD >|| button.

#### Press the ■ button to stop the CD.

#### Press the PROGRAM button.

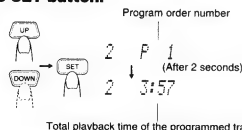
The System enters the programming mode and the "CD PROGRAM" indicator lights up.



#### Press the UP, DOWN, >, or < button to select the track to program.

- UP or > button: Increases the track number by 1.
- DOWN or < button: Decreases the track number by 1.
- When the > or < button is kept pressed, the track number changes rapidly.

#### Press the SET button.



#### Repeat steps 5 and 6 to select the other tracks for the program.

You can see the total playback time of programmed tracks on the display. Also, you can see the programmed tracks on the music calendar.

#### Press the CD >|| button.

The System plays the tracks in the order you have programmed them.

#### You can skip to a particular program track by pressing the < or > button during Program Play.

#### To stop playing, press the ■ button once.

To confirm the programmed tracks while the CD player is stopped, each time press the < or > button; the tracks making up the program will successively be displayed in the programmed order.

To delete all the tracks in the program, in stop mode, press the ■ button. Pressing the CD ▲ button to open the CD cover will also clear the programmed tracks.

To exit the program mode once, while the CD Player is stopped, press the PROGRAM button to light off the "CD PROGRAM" indicator.

#### Notes:

- If the total playback time of the programmed tracks exceeds 99 minutes 59 seconds, the total playback time will go out on the display.
- If you try to program the 21th track, "MEMORY FULL" appears on the display for about 2 seconds.

### To Modify the Program

Modify the contents of the program while the CD Player is stopped. Each time you press the CANCEL button, the last track in the program is deleted. To add new tracks to the end of the program, repeat above steps 5 to 7.

The tracks will play in no special order when you use this mode.

#### Press the RANDOM button on the Remote Control.

The "CD RANDOM" indicator lights up on the display.

#### Press the CD >|| button.

The tracks are played in random order.

To skip a track during playback, press the > button to jump to the next track in the random sequence. Press the < button to jump back to the start of a track being played.

To exit Random Play mode, while the CD Player is stopped, press the RANDOM button to light off the "CD RANDOM" indicator and carry out Normal Play, or press the CD ▲ button to open the CD cover.

You can set the program or individual track playing to repeat as many times as you like.

#### Press the REPEAT button on the Remote Control.

The Repeat indicator changes with each press of the button, as shown below.

☐ → ☐ ALL → blank display → (back to the beginning)

☐ : Repeats one track.

☐ ALL : In Normal Play mode, repeats all the tracks.

In Program Play mode, repeats all the tracks in the program.

In Random Play mode, repeats all the tracks in random order.

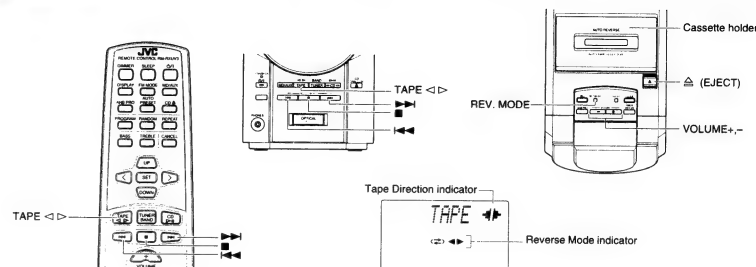
To exit Repeat mode, press the REPEAT button until the Repeat indicator on the display goes out.

- In Random Play, as a matter of course, ☐ cannot be selected.
- Repeat mode remains in effect even when you change the play mode.

English

English

## Using the Cassette Deck (Listening to a Tape)



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

The Cassette Deck allows you to play and record audio tapes.

- With Automatic Tape Detection, you can listen to type I, II or IV tapes without having to change any settings.

The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.

### One Touch Play

By pressing the TAPE < > button on the Unit or the Remote Control, the Unit will come on, "TAPE" appears in the display, and if a tape is in the deck, it will start to play. If no tape is loaded, "NO TAPE" appears on the display, the Unit will come on and wait for you to insert a tape, or select another function.

When the power is already on, you can use this basic procedure:

#### Press the ▲ (EJECT) button.

#### When the cassette holder opens, put the cassette in, with the side you want to listen facing up.

- If the cassette holder does not open, turn the Unit off, then back on and press the ▲ (EJECT) button again.



#### Close the holder gently until it clicks.

#### Press the TAPE < > button.

The tape is played in the direction shown by the Tape Direction indicator.

#### If you need to change the playback direction, press the TAPE < > again.

The opposite side Tape Direction indicator lights up and the tape playback direction changes.

To stop playing, press the ■ button.

To remove the tape, stop the tape, and press the ▲ (EJECT) button.

### To Fast-Wind A Tape

Press the > or < button on the Unit or the Remote Control to fast-wind the tape. > or < indicator of the tape fast-wind direction appears on the display.

- The Cassette Deck automatically stops when the tape reaches its end.

You can set a tape to play just one side, both sides in succession, or both sides continuously.

#### Press the REV. MODE button on the Unit.

The indicator changes with each press of the button as shown.

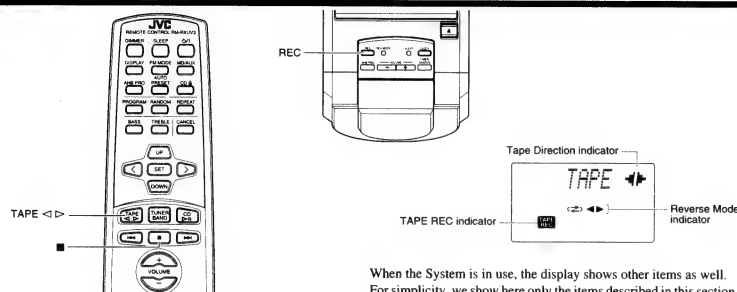
☐ → ☐ → ☐ (back to the beginning)

☐ : The Cassette Deck automatically stops after playing one side of the tape.

☐ : The Cassette Deck automatically stops after playing both sides of the tape. (Stops when playback in the < direction is finished.)

☐ : The Cassette Deck continues to play both sides of the tape until the ■ button is pressed.

# Using the Cassette Deck (Recording)

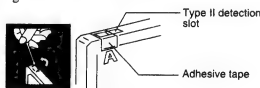


When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

Recording onto a tape from any of the sound sources is simple. Just place a tape in the Cassette Deck, have the source ready, make one or two settings, and you're ready to record. For each source the procedure is a little bit different so we explain each separately. But first, here are a few things to make your recordings better.

## Things To Know Before You Start Recording

- It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.
- When you want to record onto both sides of a tape, you can set Reverse mode to do so. Recording automatically stops after recording in the ◀ direction. Therefore, make sure that the tape direction is ▶ when recording with Reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Nor is it affected by adjusting the sound effects. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or recording.



- To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a type II tape is used, only cover part of the hole as shown, since the other part of the hole (Type II detection slot) is used to detect the tape type.
- Type I and Type II tapes can be used for recording.

**Note:** At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Thus, when recording CDs or radio broadcasts, wind on the leader tape first to ensure getting the beginning of the recording.

**CAUTION:** If a recording you make has excessive noise or static, the Unit may have been too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

You can record any sound source to tape as follows:

- Insert a blank or erasable tape into the Cassette Deck and wind past the tape leader.**
- Press the REV. MODE button on the Unit if you want to record on both sides of the tape.**  
Press the button until the ◀ indicator is lit.
  - When using Reverse mode, insert the tape so that it will be recorded in the forwards ▶ direction.
- Check the recording direction for the tape.**  
Make sure that the Tape Direction indicator is the same as that for the tape in the Cassette Deck. If the directions are different, press the TAPE ◀ ▶ button to correct the tape direction and then press the ■ button to stop the tape.
- Prepare the source, by, for example, tuning in a radio station or turning on connected auxiliary equipment.**  
**Note:** For CD recording, refer to "CD Direct Recording" mentioned below.
- Press the REC button on the Unit.**  
The "TAPE REC" indicator lights up and the System begins recording.
  - If the tab of the cassette tape is removed to prevent erasure or recording, "NO REC" will appear on the display.

English  
English

## Notes for using Reverse mode for recording

When recording in Reverse mode, the System automatically stops when it reaches the end of the reverse ◀ direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted is forwards ▶, and that the Tape Direction indicator is also forwards ▶, before you start recording.

## To Stop at Any Time During the Recording Process

Press the ■ button.

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

## Insert a cassette into the Cassette Deck and wind past the tape leader.

### Insert a CD.

### Press the CD ▷/II button on the Unit or on the Remote Control.

### Press the ■ button.

- If you want to record specific tracks only, program the tracks beforehand. You can check their total playback time on the display during programming. (See page 11.)

### If you want to record on both sides of a tape, press the REV. MODE button on the Unit until the "◀" indicator is lit. Make sure that the recording direction for the tape and the Tape Direction indicator is correct. (See "Notes for using Reverse mode for recording".)

### Choose whether to have pauses between recorded selections.

- If nothing is done, a non-recorded pause of about four seconds will be automatically left between selections.
- If you do not want pauses between selections, do the following before proceeding to the next step.

### Press the CD ▷/II button on the Unit or the Remote Control twice.

The CD player enters Pause mode.

### Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If you make a recording with Reverse mode on, the Unit will record the last song at the end of the first side onto the next side from its beginning when the song has been recorded more than 12 seconds on the first side. If the last song has been recorded less than 12 seconds, then the previous song will again be recorded on the next side as it will not be completely recorded on the first side because of leader tape.
- After the CD player has played the entire CD, or all the programmed tracks, the tape automatically stops.

**To stop at any time during the recording process,** press the ■ button. The tape stops after four seconds.

**Note:** When making SLEEP timer settings while doing CD Direct recording, set enough time to allow for the CD to finish playing, otherwise the power will go off before recording is completed.

## One Track Recording

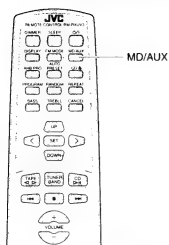
### Insert a cassette into the Cassette Deck and wind past the tape leader.

### Play the track on the CD you wish to record.

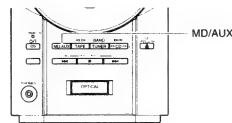
### Press the REC button on the Unit.

The CD player returns to the beginning of that track and the track is recorded on the tape. After recording, the CD player and Cassette Deck automatically stop.

## Using External Equipments



MD/AUX



MD/AUX

### Listening to External Equipment

You can listen to external equipment such as MD recorder, turntable or other auxiliary.

- First make sure that the external equipment is properly connected to the System. (See page 4).

1. Set the **VOLUME** control to the minimum position.

2. Press the **MD/AUX** button.  
"AUX" appears on the display.

AUX

3. Start playing the external equipment.

4. Adjust the **VOLUME** control to the desired listening level.

5. Apply sound effects, if you wish.

- Press the AHB PRO button to reinforce the bass sound.
- Press the BASS/TREBLE button on the Remote Control to control the tone. (See "Tone Control" on page 7.)

To exit MD/AUX mode, you will automatically switch out of MD/AUX mode when you select another source.

**Note:** For operation of the external equipment, refer to its Instructions.

### Recording the System's source to External Equipment

You can record the System's source to external equipment which is connected to the LINE OUT or OPTICAL DIGITAL OUT terminals of the System, such as cassette deck or MD recorder, etc.

- First make sure that the external equipment is properly connected to the System. (See page 4).

1. Play the System's CD Player, Cassette Deck, or tune into a station.

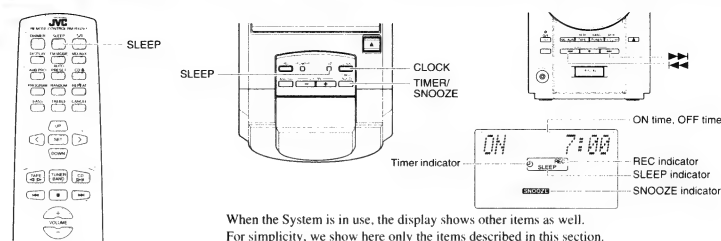
- The recording level is not affected by the VOLUME level set by the System. Also it is not affected by the sound effects.

**Note:** For operation of the external equipment, refer to its Instructions.

English

English

## Using the Timers



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

The timers let you control listening and recording functions automatically.

### Setting the Clock

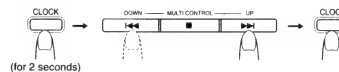
- When you plug the AC power cord into the wall outlet, the time indication blinks on the display.

You can set the clock whether the System is on or off.

In addition to the digital clock, the analog clock also shows the time.

**Notes:**

- The clock must be correctly set for the timers to work.
- The procedure must be completed within two minutes. Otherwise, the setting is cleared and must be repeated from the beginning.



1. Press the **CLOCK** button on the Unit for more than two seconds.

The time indication rapidly blinks on the display.

2. Press the **▶▶** or **◀◀** button on the Unit to set the time.

Pressing the **▶▶** button moves the time forwards and pressing the **◀◀** button moves it backwards. Hold down the button to move the time rapidly.

3. Press the **CLOCK** button.

The selected time is set and the seconds start counting from 0.

**CAUTION:** If there is a power failure, the clock loses its setting after about 20 minutes. "0:00" blinks on the display and the clock must be reset.

**Note:** The clock may gain or lose one to two minutes per month.

### Setting the Daily Timer

Once you have set the Daily Timer, the timer will be activated at the same time every day. It can be cancelled and re-activate whenever you wish.

The Timer indicator on the display shows when the Daily Timer you have set is in effect.

**Note:** Perform each setting within 30 seconds. Otherwise, setting is cleared and the procedure must be repeated from the beginning.

1. Press the **⏻** button to turn on the System.

2. Setting the **ON** time (Example: 12:15).

- Press the **TIMER/SNOOZE** button on the Unit.  
The Timer indicator lights up and the current ON time blinks on the display.
- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

ON 7:00

- Press the **▶▶** or **◀◀** button on the Unit to set the time you want the Unit to come on.  
Pressing the **▶▶** button moves the time forwards and pressing the **◀◀** button moves it backwards. Hold down the button to move the time rapidly.

ON 12:15

3. Setting the **OFF** time (Example: 13:15).

- Press the **TIMER/SNOOZE** button on the Unit.  
The current OFF time blinks on the display.

OFF 7:00

- Press the **▶▶** or **◀◀** button on the Unit to set the time you want the Unit to be turned off.  
Pressing the **▶▶** button moves the time forwards and pressing the **◀◀** button moves it backwards. Hold down the button to move the time rapidly.

OFF 13:15

4. Selecting the music source.

- Press the **TIMER/SNOOZE** button on the Unit.  
The "TUNER" blinks on the display.
- Press the **▶▶** or **◀◀** button to select the music source you want to listen to.  
The display changes as shown below.  
TUNER → TUNER REC → CD → TAPE → (back to the beginning)

- When you select the "TUNER REC", the "REC" indicator appears on the display.

#### Setting the volume level.

1. Press the TIMER/SNOOZE button on the Unit.  
The current volume setting blinks on the display.
2. Press the ► or ◄ button to select the volume level.  
-- : The current volume level will be used.  
0 to 50: When the timer is turned on, the Volume will be automatically set to the selected level.

VOLUME -15-

#### Press the TIMER/SNOOZE button on the Unit.

The timer setting is completed and the display returns to the display before you set the timer. The timer indicator remains lit.

#### Before turning off the System, prepare the music source selected in step 4.

TUNER: Tune in to the desired station.  
TUNER REC: Tune in to the desired station and insert a cassette tape for recording the station.  
CD: Insert a CD.  
TAPE: Insert a tape.

#### Press the button to turn off the System.

To cancel the timer, press the TIMER/SNOOZE button. The Timer indicator goes out on the display.

To re-activate the cancelled timer, press the TIMER/SNOOZE button to light the Timer indicator. Then, press the TIMER/SNOOZE button until the display returns to the original display. The Timer indicator should remain lit.

To confirm the timer settings, cancel the timer once by pressing the TIMER/SNOOZE button. Then, press the TIMER/SNOOZE button repeatedly, to see the current timer settings (ON time, OFF time, source, and volume).

To change the timer setting, repeat the setting procedure from the beginning.

- When the timer turns on, the Timer indicator starts blinking.

**CAUTION: If the System is unplugged, or a power failure occurs, the timer setting will be lost. You will need to reset the clock first, then the timer.**

#### 5-Minute Snoozing

When the timer turns on the music source you can, if you wish, activate the 5-minute snoozing function to temporarily stop playback.

Press the TIMER/SNOOZE button on the Unit.

The "SNOOZE" indicator lights up on the display and the power is turned off for five minutes for snoozing.

#### Setting the SLEEP Timer

Use the Sleep Timer to turn the System off after a certain number of minutes when it is playing. By setting the Sleep Timer, you can fall asleep to music and know that your System will turn off by itself rather than play all night.

- You can only set the Sleep Timer when the System is on and a source is playing.

#### Play a CD, a cassette tape, or tune in to the desired station.

#### Press the SLEEP button.

The "SLEEP" indicator lights up.

- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

#### Set the length of time you want the source to play before shutting off.

- Each time you press the SLEEP button, it changes the number of minutes shown on the display in this sequence:  
10 → 20 → 30 → 60 → 90 → 120 → Cancelled → (back to the beginning)

After setting the number of minutes for the Sleep Timer, the display will stop blinking and return to the display as before setting the Sleep Timer. (The display is dimmed.)

The System is now set to turn off after the number of minutes you set.

#### To Confirm the Sleep Time

When the SLEEP button is pressed, the remaining sleep time is displayed. Wait until the display returns to the original display.

#### To Cancel the SLEEP Timer Setting

Press the SLEEP button until the "SLEEP" indicator goes out on the display.

Turning off the System also cancels the SLEEP Timer.

- If you are setting the Daily Timer, the System will be turned on at the set time to wake you up.

English

English

## Care And Maintenance

Handle your CDs carefully, and they will last a long time.

#### Compact Discs



- Only CDs bearing this mark can be used with this System. However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the System.



- Remove the CD from its case by holding it at the edges while pressing the case's center hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.



- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.



- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

**CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.**

#### General Notes

In general, you will have the best performance by keeping your CDs and the mechanism clean.

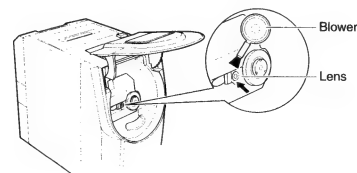
- Store CDs in their cases, and keep them in cabinets or on shelves.
- Keep the system's CD cover closed when not in use.

#### Cleaning the lens

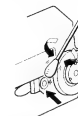
If the lens in the CD pickup is dirty, dropout, etc., could degrade sound.

Open the CD cover and clean the lens as shown.

- Use a blower (available from a camera store) to blow dust off the lens.



- If there are fingerprints, etc. on the lens, gently wipe clean with a cotton swab.



#### Moisture Condensation



Moisture may condense on the lens inside the System in the following cases:

- After turning on heating in the room.
- In a damp room.
- If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

#### Cassette Tapes



- If the tape is loose, it may get stretched, cut, or caught in the cassette. Take up the slack by inserting a pencil in one of the reels and rotating.



- Do not touch the tape surface.



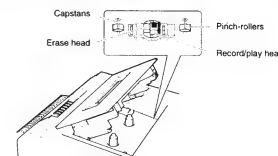
- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

#### Cassette Deck

- If the heads, capstans, or pinch-rollers of the Cassette Deck become dirty, the following may occur:

- Loss of sound quality
- Discontinuous sound
- Fading
- Incomplete erasure
- Difficulty recording



- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequency notes.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

## Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the System has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	<ul style="list-style-type: none"><li>• Connections are incorrect, or loose.</li><li>• Headphones are connected.</li></ul>	<ul style="list-style-type: none"><li>• Check all connections and make corrections. (See pages 4- 5.)</li><li>• Disconnect the headphones.</li></ul>
Unable to record.	Cassette record protect tabs are removed.	Cover the holes on the back edge of the cassette with tape.
Poor radio reception	<ul style="list-style-type: none"><li>• The antenna is disconnected.</li><li>• The AM Loop Antenna is too close to the System.</li><li>• The FM Wire Antenna is not properly extended and positioned.</li></ul>	<ul style="list-style-type: none"><li>• Reconnect the antenna securely.</li><li>• Change the position and direction of the AM Loop Antenna.</li><li>• Extend FM Wire Antenna to the best reception position.</li></ul>
The CD skips.	The CD is dirty or scratched.	Clean or replace the CD.
The CD does not play.	The CD is upside down.	Put the CD in with the label side up.
Unable to operate the Remote Control.	<ul style="list-style-type: none"><li>• The path between the Remote Control and the sensor on the Unit is blocked.</li><li>• The batteries have lost their charge.</li></ul>	<ul style="list-style-type: none"><li>• Remove the obstruction.</li><li>• Replace the batteries.</li></ul>
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the System then plug it back in.
The cassette holder cannot be opened.	During tape playing, the power cord was unplugged.	Plug in the power cord, press the  button, and then press the  button.

English

English

## Specifications

### Amplifier

Output Power 34 W (17 W + 17 W) at 4 ohms (Max.)  
24 W (12 W + 12 W) at 4 ohms (10% THD)

Input Sensitivity/Impedance (1 kHz)  
LINE IN (AUX) 500 mV/65 kohms  
Output Sensitivity/Impedance (1 kHz)  
LINE OUT 500 mV/4.3 kohms  
Optical out -21 dBm - -15 dBm  
Speaker terminals 4 - 16 ohms  
Phones 16 ohms - 1 kohms  
0 - 15 mW/ch output into 32 ohms

### Cassette Deck

Frequency Response  
TypeII (CrO<sub>2</sub>) 50 Hz - 15 kHz  
Wow and Flutter 0.15 % (WRMS)

### CD Player

Signal-To-Noise Ratio 90 dB  
Wow And Flutter Unmeasurable

### Tuner

FM Tuner  
Tuning Range 87.5 - 108.0 MHz  
AM Tuner  
Tuning Range (MW) 522 - 1,629 kHz  
(LW) 144 - 288 kHz

### Speaker Specifications

(each unit)  
Speakers 8 cm cone  
Impedance 4 ohms  
Dimensions 140 × 230 × 217 mm (W/H/D)  
Mass Approx. 1.8 kg

### General

Dimensions 438 × 232 × 310.5 mm (W/H/D)  
Mass Approx. 7.2 kg

### Accessories

Power Cord (1)  
AM Loop Antenna (1)  
Remote Control (1)  
Batteries R6P (SUM-3)/AA (15F) (2)  
FM Wire Antenna (1)

### Power Specifications

Power Requirements AC 230 V ~ , 50 Hz  
Power Consumption 38 watts (power on mode)  
3.5 watts (in Standby mode)

*Design and specifications are subject to change without notice.*

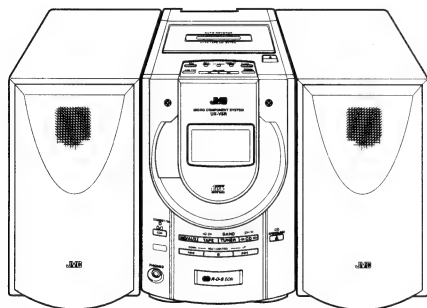


# JVC



**MICRO COMPONENT SYSTEM  
MIKRO-KOMPONENTEN-SYSTEM  
SYSTEME DE MICROCOMPOSANTS  
MIKRO KOMPONENTENSISTEEM  
SISTEMAS DE MICROCOMPONENTES  
SISTEMA A MICROCOMPONENTI**

## UX-V5R



**CORDS EON**

**COMPACT  
disc  
DIGITAL AUDIO**

**INSTRUCTIONS  
BEDIENUNGSANLEITUNG  
MANUEL D'INSTRUCTIONS  
GEBRUIKSAANWIJZING  
MANUAL DE INSTRUCCIONES  
ISTRUZIONI**

**For Customer Use:**  
Enter below the Model No. and Serial No.  
which are located either on the rear, bot-  
tom or side of the cabinet. Retain this  
information for future reference.

Model No.  
Serial No.

LVT0211-001A  
[E]

**Warnings, Cautions and Others / Warnung, Achtung und sonstige Hinweise / Mises en garde, précautions et indications diverses / Waarschuwingen, voorzorgen en andere mededelingen / Avisos, precauciones y otras notas / Avvertenze e precauzioni da osservare**

**Caution —  $\phi$ I switch!**

Disconnect the mains plug to shut the power off completely. The  $\phi$ I switch in any position does not disconnect the mains line. The power can be remote controlled.

**Achtung —  $\phi$ I Schalter!**

Den Netzstecker aus der Steckdose ziehen, um die Stromversorgung vollkommen zu unterbrechen. Der Schalter  $\phi$ I unterbricht in keiner Stellung die Stromversorgung vollkommen. Die Stromversorgung kann mit der Fernbedienung ein- und ausgeschaltet werden.

**Attention — Commutateur  $\phi$ I!**

Déconnecter la fiche de secteur pour couper complètement le courant. Le commutateur  $\phi$ I ne coupe jamais complètement la ligne de secteur, quelle que soit sa position. Le courant peut tre télécommandé.

**Voorzichtig —  $\phi$ I schakelaar!**

Om de stroomtoevoer geheel uit te schakelen, trek u de stekker uit het stopcontact. Anders zal er altijd een geringe hoeveelheid stroom naar het apparaat lopen, ongeacht de stand van de  $\phi$ I schakelaar. U kunt het apparaat ook met de afstandsbediening aan- en uitschakelen.

**Precaución — Interruptor  $\phi$ I!**

Desconectar el cable de alimentación para desactivar la alimentación totalmente. Cualquier que sea la posición de ajuste del interruptor  $\phi$ I, la alimentación no es cortada completamente. La alimentación puede ser controlada remotamente.

**Attenzione — L'interruttore  $\phi$ I!**

Disinserire la spina del cavo di alimentazione dalla presa della rete elettrica per staccare completamente l'alimentazione. L'interruttore  $\phi$ I in nessuna posizione stacca la linea di alimentazione elettrica principale. È possibile il controllo remoto dell'alimentazione.

**Per l'Italia:**

"Si dichiara che il questo prodotto di marca JVC è conforme alle prescrizioni del Decreto Ministeriale n.548 del 28/08/95 pubblicato sulla Gazzetta Ufficiale della Repubblica Italiana n.301 del 28/12/95."

**CAUTION**

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

**ACHTUNG**

Zur Verhinderung von elektrischen Schlägen, Brandgefahr, usw.:

1. Keine Schrauben lösen oder Abdeckungen entfernen und das Gehäuse nicht öffnen.
2. Dieses Gerät weder Regen noch Feuchtigkeit aussetzen.

**ATTENTION**

Afin d'éviter tout risque d'électrocution, d'incendie, etc.:

1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

**VOORZICHTIG**

Ter vermindering van gevaar voor brand, elektrische schokken, enz.:

1. Verwijder geen schroeven, panelen of de behuizing.
2. Stel het toestel niet bloot aan regen of vocht.

**PRECAUCIÓN**

Para reducir riesgos de choques eléctricos, incendio, etc.:

1. No extraiga los tornillos, los cubiertas ni la caja.
2. No exponga este aparato a la lluvia o a la humedad.

**ATTENZIONE**

Per ridurre il rischio di shock elettrici, incendi, ecc.:

1. Non togliete viti, coperchi o la scatola.
2. Non esponete l'apparecchio alla pioggia e all'umidità.

Thank you for purchasing the JVC Micro Component System.  
We hope it will be a valued addition to your home, giving you years of enjoyment.  
Be sure to read this instruction manual carefully before operating your new stereo system.  
In it you will find all the information you need to set up and use the system.  
If you have a query that is not answered by the manual, please contact your dealer.

Here are some of the things that make your System both powerful and simple to use.

- The controls and operations have been redesigned to make them very easy to use, freeing you to just enjoy the music.
    - With JVC's **COMPU PLAY** you can turn on the System and automatically start the Radio, Cassette deck or CD Player with a single touch.
  - The System incorporates Active Hyper Bass PRO circuitry to faithfully reproduce low frequency sounds.
  - A 45-station preset capability (30 FM and 15 AM (MW/LW)) in addition to auto-seek and manual tuning.
  - Versatile CD options include repeat, random and program play.
  - Timer functions; Daily Timer and Sleep Timer.
  - Auto-reverse tape function.
  - The System is compatible with RDS (Radio Data System) broadcasting.
    - The EON data enables you to standby for desired information.
    - The PTY Search function searches for programmes in the category you wish.
- In addition, Radio Text can be displayed using data sent by station.
- You can connect various external units, such as an MD recorder.



- Basic information that is the same for many different functions - e.g. setting the volume - is given in the section 'Common Operations', and not repeated under each function.
- The names of buttons/controls and display messages are written in all capital letters: e.g. TUNER BAND, "NO DISC".
- System functions are written with an initial capital letter only: e.g. Normal Play.

Use the table of contents to look up specific information you require.

We've enjoyed making this manual for you, and hope it serves you in enjoying the many features built into your System.

#### Installation of the System

- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the System and a TV.
- Do not use the System in a place subject to vibrations.

#### Power cord

- Do not handle the power cord with wet hands!
- Some power is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.

#### Malfunctions, etc.

- There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the System.

## Table of Contents

Features .....	1	Using the Cassette Deck (Recording) .....	15
How This Manual Is Organized .....	1	Using External Equipments.....	17
IMPORTANT CAUTIONS .....	1	Using the Timers .....	18
Getting Started .....	2	Care And Maintenance .....	20
Common Operations .....	6	Troubleshooting .....	21
Using the Tuner .....	8	Specifications .....	22
Using the CD Player .....	12		
Using the Cassette Deck (Listening to a Tape)....	14		

English

English

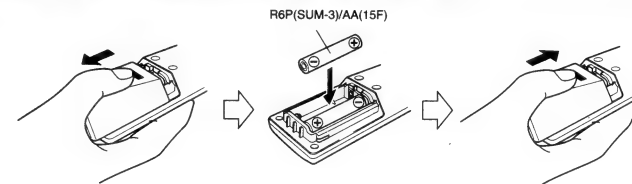
## Getting Started

Make sure that you have all of the following items, which are supplied with the System.

- Power Cord (1)
- AM Loop Antenna (1)
- Remote Control (1)
- Batteries (2)
- FM Wire Antenna (1)

If any of these items are missing, contact your dealer immediately.

Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment.

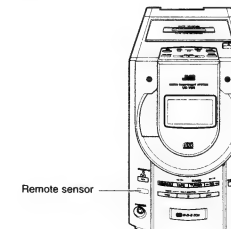


#### CAUTION: Handle batteries properly.

To avoid battery leakage or explosion:

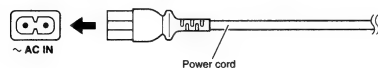
- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery with a new one.
- Don't use different types of batteries together.

The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away.  
You need to point the Remote Control at the remote sensor on the System's front panel.



UX-V3/UX-V5  
UX-V5R/FS-V5

Firmly insert the supplied AC power cord into the AC inlet on the back of the Unit.



#### CAUTIONS:

- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

Now you can plug the AC power cord into the wall outlet, and your System is at your command!

JVC's COMPU PLAY feature lets you control the most frequently used System functions with a single touch.

With One Touch Operation you can play a CD, a tape, turn on the radio, or listen to an external equipment with a single press of the play button for that function. One Touch Operation turns the power on for you, then starts the function you have specified. If the System is not ready (no CD in place), the System still powers on so you can insert a CD.

How One Touch Operation works in each case is explained in the section dealing with that function.

The COMPU PLAY buttons are:

#### On the Unit

CD >|| button  
TUNER BAND button  
TAPE <|> button  
MD/AUX button

#### On the Remote Control

CD >|| button  
TUNER BAND button  
TAPE <|> button  
MD/AUX button

The System automatically turns on with the following operation.

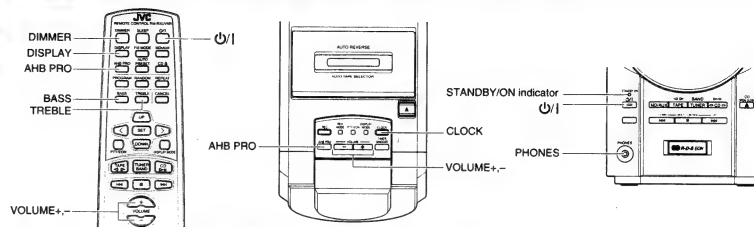
- When you press the CD >|| button, the System automatically turns on and the CD cover opens to allow CD insertion. However, this operation does not change the function to CD.

When you press the <|| button to turn off the System, the CD cover will automatically closed if it is opened.

English

English

## Common Operations



### Turning the System On

#### Press the <|| button.

The display comes on and "HELLO" is displayed once. The STANDBY/ON indicator lights in green.

The System comes on ready to continue in the mode it was in when the power was last turned off.

- For example, if the last thing you were doing was listening to a CD, you are now ready to listen to a CD again. If you wish, you can change to another source.

- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

### Turning the System Off

#### Press the <|| button again.

"GOOD BYE" is displayed and the display goes out, except for the clock display. The STANDBY/ON indicator lights in red.

- Some power is always consumed even though power is turned off (called Standby Mode).

- To switch off the System completely, unplug the AC power cord from the wall outlet. When you unplug the AC power cord, the clock will be reset to 0:00 after about 20 minutes.

Press the VOLUME + button to increase the volume or press the VOLUME - button to decrease it.



You can adjust the volume level between 0 and 50.

**CAUTION: DO NOT turn on the System and/or start playing any source without first setting the VOLUME control to minimum, as a sudden blast of sound could damage your hearing, speakers and/or headphones.**

#### For private listening

Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers. Be sure to turn down the volume before connecting or putting on headphones.

You can adjust the brightness of the backlighting for the display.

### When the System is Turned On

To make the brightness of the backlighting darker, press the DIMMER button on the Remote Control.

To make the brightness brighter, press the DIMMER button on the Remote Control again.

### When the System is Turned Off (STANDBY MODE)

To turn on the backlighting, press the DIMMER button on the Remote Control. The brightness is the same as for darker one mentioned above.

To turn off the backlighting, press the DIMMER button on the Remote Control again.

You can reinforce the bass sound to maintain rich, full bass at low volume (you can use this effect only for playback):

**To get the effect**, press the AHB (Active Hyper Bass) PRO button.

The "BASS" indicator lights up on the display.

**To cancel the effect**, press the button again.

The "BASS" indicator goes out.

You can control the tone by changing the bass and treble. The analog clock acts to display the bass and treble settings. By pressing either the BASS or TREBLE button on the Remote Control, you can visually see the current tone control settings.

Examples:



### BASS Control

You can adjust the bass level (low frequency range level) between -6 and +6. (0: Flat)

**Press the BASS button on the Remote Control.**

**Press the UP or DOWN button on the Remote Control to adjust the bass level.**



### TREBLE Control

You can adjust the treble level (high frequency range level) between -6 and +6. (0: Flat)

**Press the TREBLE button on the Remote Control.**

**Press the UP or DOWN button on the Remote Control to adjust the treble level.**

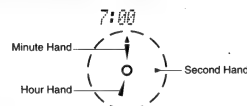


In Standby mode, the digital clock and analog clock appear on the display at the same time. Meanwhile, only the analog clock is displayed when a music source is selected. Namely, you can see the analog clock at all times.

When the System is turned on, you can display the digital clock at any time.

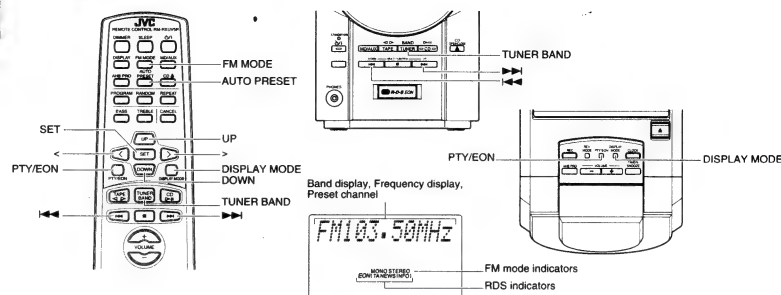
**To display the digital clock**, press the CLOCK button on the Unit or DISPLAY button on the Remote Control.

**To return to the previous mode**, press the same button again.



**Note:** To let work the clock, you need to set the clock beforehand. (See "Setting the Clock" on page 18.)

## Using the Tuner



When the System is in use, the display shows other items as well.

For simplicity, we show here only the items described in this section.

You can listen to FM and AM (MW/LW) stations. Stations can be tuned in manually, automatically, or from preset memory storage.

**Before listening to the radio:**

- Make sure that both the FM and AM (MW/LW) antennas are correctly connected. (See page 3).

### One Touch Radio

Just press the TUNER BAND button to turn on the System and start playing the station you were last tuned to.

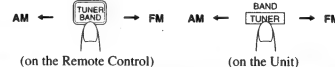
- You can switch from any other sound source to the radio by pressing the TUNER BAND button.

**Press the TUNER BAND button.**

The Band and Frequency you were last tuned to appear on the display.

(If the last station was selected using the preset number, the preset number appears first.)

Each time you press the button, the band alternates between FM and AM (MW/LW).



**Select a station using one of the following methods.**

**Manual Tuning**

Press the < or > button on the Unit or the Remote Control repeatedly to move from frequency to frequency until you find the station you want.

OR

**Auto Tuning**

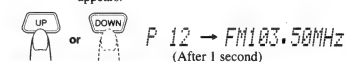
If you press and hold the < or > button on the Unit or the Remote Control for one second or more, the frequency changes down, or up, automatically until a station is found.

OR

**Preset Tuning using the Remote Control (Possible only after presetting stations)**

Select the desired preset number using the Up, Down, > and < button on the Remote Control. After 1 second the display will show the preset number's band and frequency.

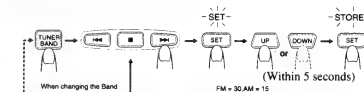
Example: Press the UP button until the preset number 12 "P12" appears.



You can preset up to 30 FM stations and up to 15 AM (MW/LW) stations using the Remote Control.

**Note:** Preset numbers may have been set to factory test frequencies prior to shipment. This is not a malfunction. You can preset the stations you want into memory by following one of the presetting methods below.

### Manual Presetting



**Select a band by pressing the TUNER BAND button.**

**Press the < or > button to tune in a station.**

**Press the SET button.**

"SET" will blink for 5 seconds.

Within 5 seconds, proceed to the next step.

When the display returns to the one set in STEP2 after 5 seconds, press the SET button again.

#### Press the UP, DOWN, >, or < button within 5 seconds to select the preset number.

UP or > button: Increases the preset number by 1.  
DOWN or < button: Decreases the preset number by 1.  
• When the > or < button is kept pressed, the preset number changes rapidly.

#### Press the SET button within 5 seconds.

"STORED" appears and after 2 seconds, the display returns to the broadcast frequency display.

#### Repeat above steps 1 to 5 for each station you want to store in memory with a preset number.

To change the preset stations, repeat the same steps as above.

### Auto Presetting

In each band, you can automatically preset FM-30, AM (MW/LW)-15 stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up the frequency.



#### Select a band by pressing the TUNER BAND button.

#### Press the AUTO PRESET button on the Remote Control for more than two seconds.

#### Repeat steps 1-2 for the other band.

■ If you want to change the preset stations, carry out the Manual Presetting for the desired preset numbers.

**CAUTION:** Even if the system is unplugged or if the power failure occurs, the preset stations will be stored for about 24 hours. However, in case the preset stations are erased, you will need to preset the stations again.

### To Change the FM Reception Mode

When you are tuned into an FM stereo broadcast, the "STEREO" indicator lights up and you can hear stereo effects. If an FM stereo broadcast is hard to receive or noisy, you can select Monaural mode. Reception improves, but you lose any stereo effect.

Press the FM MODE button on the Remote Control so that the "MONO" indicator lights up on the display.



To restore the stereo effect, press the FM MODE button on the Remote Control so that the "MONO" indicator goes off.

### Receiving FM Stations with RDS

You can use the RDS (Radio Data System) by using the buttons on the Unit or the Remote Control.

RDS allows FM stations to send additional signals with their regular programme signals. For example, the stations send their station names, and information about what type of programmes they broadcast, such as sports or music, etc. This unit can receive the following types of RDS signals:

**PS (Programme Service):** shows commonly known station names.

**PTY (Programme Type):** shows types of broadcast programmes.

**RT (Radio Text):** shows text messages the station sends.

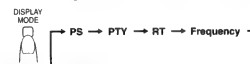
#### What information can RDS signals provide?

The display shows RDS signal information that the station sends.

#### To show the RDS signals on the display

Press the DISPLAY MODE button while listening to an FM station.

Each time you press the button, the display changes to show information in the following order:



**PS (Programme Service):**

While searching, "PS" appears, then station name is displayed. "NO PS" appears if no signal is sent.

**PTY (Programme Type):**

While searching, "PTY" appears, then broadcast programme type is displayed. "NO PTY" appears if no signal is sent.

**RT (Radio Text):**

While searching, "RT" appears, then a text message sent by the station is displayed. "NO RT" appears if no signal is sent.

**Station Frequency:**

Station frequency (non-RDS service)

#### Notes:

- If searching finishes at once, "PS", "PTY" and "RT" will not appear on the display.
- If you press the DISPLAY MODE button while listening to an AM (MW/LW) station, the display only shows station frequency.
- RDS is not available for AM (MW/LW) broadcasts.

English

English

#### On characters displayed

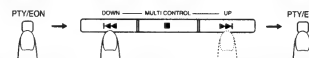
When the display shows PS, PTY or RT signals:

- The display shows upper case letters only.
- The display cannot show accented letters: For example, "A" may represent accented "A's" like "Ä, Å, Ä, Å and Ä".

#### To search for a programme by PTY codes

One of the advantages of the RDS service is that you can locate a particular kind of programme by specifying the PTY codes.

To search for a programme using PTY or TA codes:



#### Press the PTY button once while listening to an FM station.

"PTY SELECT" appears on the display.

#### Select the PTY code using the << or >> button (or UP or DOWN button on the Remote Control) within 10 seconds.

Each time you press the button, the display shows a category in the following order:

NEWS ↔ AFFAIRS ↔ INFO ↔ SPORT ↔ EDUCATE ↔ DRAMA ↔ CULTURE ↔ SCIENCE ↔ VARIED ↔ POP M ↔ ROCK M ↔ M.O.R.M ↔ LIGHT M ↔ CLASSICS ↔ OTHER M ↔ WEATHER ↔ FINANCE ↔ CHILDREN ↔ SOCIAL A ↔ RELIGION ↔ PHONE IN ↔ TRAVEL ↔ LEISURE ↔ JAZZ ↔ COUNTRY ↔ NATIONAL ↔ OLDIES ↔ FOLK M ↔ DOCUMENT ↔ TEST ↔ ALARM! ↔ NEWS

#### Press the PTY button within 10 seconds again.

While searching, the display alternates between "SEARCH" and the selected PTY code.

The unit searched 30 preset stations and stops when it finds a station of the category you have selected, then tunes into that station.

#### To continue searching after the first stop,

press the PTY button again while the display indications blink. If no programme is found, "NOT FOUND" appears on the display.

To stop searching at any time during the process, press the PTY button to stop search operation.

#### [Example]

A	A.A.A.A.	K	K	U	U.U.U.	0	0	#	*	<	<
B		L	L	V	V	1	1	+	+	>	>
C	C.C.C.	M	M	W	W	2	2	-	-	=	=
D	D.D.	N	N.N	X	X	3	3	.	.	\	\
E	E.E.E.	O	O.O.O.O.	Y	Y	4	4	'	'	'	'
F	F	P	P	Z	Z.Z.Z.	5	5	/	/	//	//
G	G	Q	Q			6	6	-	-	!	!
H	H	R	R.R.R.			7	7	-	-		
I	I.I.I.	S	S.S.S.			8	8	-	-		
J	J	T	T			9	9				

#### Descriptions of the PTY Codes

**NEWS:** News  
**AFFAIRS:** Topical programme expanding on the current news or affairs  
**INFO:** Programmes on medical service, weather forecasts, etc.

**SPORT:** Sports events  
**EDUCATE:** Educational programmes  
**DRAMA:** Radio plays  
**CULTURE:** Programmes on national or regional culture  
**SCIENCE:** Programmes on natural sciences and technology  
**VARIED:** Other programmes like comedies or ceremonies  
**POP M:** Pop music  
**ROCK M:** Rock music  
**M.O.R.M:** Middle-of-the-road music (usually called "easy listening")

**LIGHT M:** Light music  
**CLASSICS:** Classical music  
**OTHER M:** Other music  
**WEATHER:** Weather information  
**FINANCE:** Reports on commerce, trading, the Stock Market, etc.  
**CHILDREN:** Entertainment programmes for children  
**SOCIAL A:** Programmes on social activities  
**RELIGION:** Programmes dealing with any aspect of belief or faith, or the nature of existence or ethics

**PHONE IN:** Programmes where people can express their views either by phone or in a public forum  
**TRAVEL:** Programmes about travel destinations, package tours, and travel ideas and opportunities  
**LEISURE:** Programmes concerned with recreational activities such as gardening, cooking, fishing, etc.

**JAZZ:** Jazz music  
**COUNTRY:** Country music  
**NATIONAL:** Current popular music from another nation region, in that country's language

**OLDIES:** Classic pop music  
**FOLK M:** Folk music

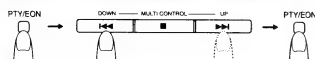
**DOCUMENT:** Programmes dealing with factual matters, presented in an investigative style  
**TEST:** Test broadcasts  
**ALARM!:** Emergency broadcasts

#### To temporarily switch to a broadcast programme of your choice

EON (Enhanced Other Networks) is another convenient RDS service that allows this unit to switch temporarily to a broadcast programme of your choice (NEWS, TA or INFO) from the currently selected station, except if you are listening to a non-RDS station (all AM (MW/LW) stations or some FM stations).

- If an FM station does broadcast EON information, EON cannot be activated.

## To select a programme type



- **Press the EON button twice while listening to an FM station.**

"EON SELECT" appears on the display.

- **Select the programme type with the ◀◀ or ▶▶ button (UP or DOWN button on the Remote Control) within 10 seconds.**

The display shows a programme type in the following order:



**TA:** Traffic Announcement  
**NEWS:** News  
**INFO:** Programmes on medical service, weather forecast, etc.  
**OFF:** EON off

- **Press the EON button within 10 seconds again to set the selected programme type.**

The selected programme type indicator lights up on the display, and the unit enters EON Standby mode.

- The EON indicator lights up when tuned to a station which provides EON information.

### Case 1: If there is no station broadcasting the type of programme you have selected

The broadcast station being currently heard will continue to be heard.

↓  
 When a station starts broadcasting the programme you have selected, this unit automatically switches to the station. The programme type (TA, NEWS or INFO) indicator starts blinking.

↓  
 When the programme is over, this unit goes back to the currently selected station, but still remains in EON Standby mode.

### Case 2: If there is a station broadcasting the type of programme you have selected

This unit tunes to the station broadcasting the programme. The programme type (TA, NEWS or INFO) indicator starts blinking.

↓  
 When the programme is over, this unit goes back to the currently selected station, but still remains in EON Standby mode.

### Notes:

- If the EON is in standby mode and the function (CD, TAPE, MD/AUX) switch is changed or the power is switched off, then the EON mode will be released. When the band is set to AM (MW/LW), the EON is not activated. When the band is set to FM again, the EON will be set to standby mode.
- When the EON is being operated (i.e. the selected programme type is being received from the broadcast station) and if the DISPLAY MODE or ◀◀, ▶▶ button is operated, the station will not switch back to the current selected station even after the programme ends. The programme type indicator remains in the display, indicating that the EON is in standby mode.
- When the EON is in standby mode and a radio broadcast is being recorded, be careful because the EON may be activated and a different programme than the intended one may be recorded. When the EON mode is not required, release the EON mode.
- When the alarm signal is detected by EON, the station broadcasting the alarm is received with priority. "ALARM!" is not displayed.

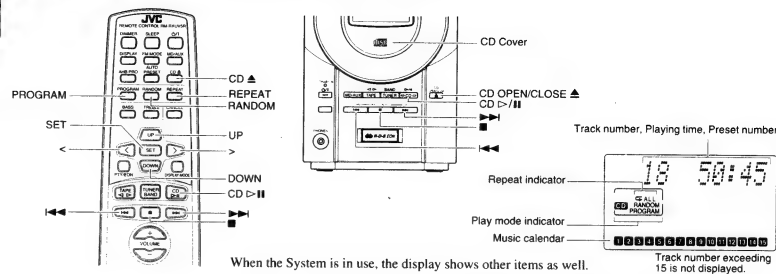
### Caution:

When the sound alternated intermittently between the station tuned in by the EON function and the current selected station, cancel the EON mode. This does not constitute malfunction of the unit.

English

English

## Using the CD Player



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

You can use Normal, Random, Program or Repeat Play. Repeat Play can repeat all the tracks or just one of the tracks on the CD. Here are the basic things you need to know to play a CD and locate the different tracks on it.

### The Quickest Way To Start a CD Is With the One Touch Operation

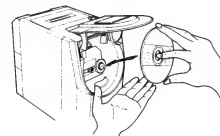
- Press the CD ▷/II button on the Unit or the Remote Control.
- The power is automatically turned on. If a CD is already inserted, it will start playing from the first track.
- If no CD is inserted, "NO DISC" appears on the display and the CD Player remains in Stop mode.

### To Insert a CD

- **Press the CD OPEN/CLOSE ▲ button on the Unit (or the CD ▲ button on the Remote Control.)**

The CD cover opens.

- **Place a CD, with its label side out as shown below. Press down on the CD's center until you hear a click.**



- **Press the CD OPEN/CLOSE ▲ button (or CD ▲ button) again to close the CD cover.**

- To close the CD cover and play the CD, you can just press the CD ▷/II button.
- You can place an 8 cm (3") CD without an adaptor.
- If the CD cannot be read correctly (because it is scratched, for example), "0 0:00" appears on the display.
- You can insert a CD while listening to the other source.

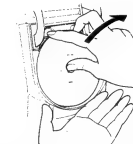
### CAUTIONS:

- **DO NOT try to open or close the CD cover by hands as it will be damaged.**

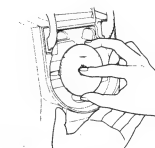
- **When you place or take out a CD, do not let it fall. Also, be careful not to scratch your fingers with a CD cover.**

### To Unload a CD

Take out the CD as shown below.



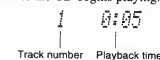
- To unload an 8 cm (3") CD, use the concavity to make removal easier.



### To Play a CD

1. **Insert a CD.**
2. **Press the CD ▷/II button.**

The first track of the CD begins playing.



- The track number that has already played disappears from the music calendar.
- The CD Player automatically stops when the last track of the CD has finished playing.



To stop playing the CD, press the ■ button. The following information for the CD is displayed.

18 50:45  
Total track number Total playback time

To stop playing and remove the CD, press the CD OPEN/CLOSE ▲ button on the Unit or CD ▲ button on the Remote Control to open the CD cover.

To pause, press the CD ▷/|| button. The playback time blinks on the display.

To cancel pause, press the same button again. Play continues from the point where it was paused.

### To Select a Track or Passage within a Track

During playback, press the ◀ or ▶ (< or >) button to select the track you want.

The selected track starts playing.

- Press the ▶ or > button once to skip to the beginning of the next track.
- Press the ◀ or < button to skip to the beginning of the track being played. Press twice quickly to skip to the beginning of the previous track.
- When the > or < button on the Remote Control is kept pressed, the track continuously skips.

### Search Play

Holding down the ◀ or ▶ button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the track you are listening to.



You can program the playing order of the tracks using the Remote Control.

- You can program up to 20 tracks in any desired order including the same tracks.
- You can only make a program when the CD Player is stopped.

### Insert a CD.

### Press the CD ▷/|| button.

### Press the ■ button to stop the CD.

### Press the PROGRAM button.

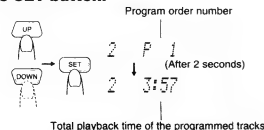
The System enters the programming mode and the "CD PROGRAM" indicator lights up.



### Press the UP, DOWN, >, or < button to select the track to program.

- UP or > button: Increases the track number by 1.
- DOWN or < button: Decreases the track number by 1.
- When the > or < button is kept pressed, the track number changes rapidly.

### Press the SET button.



### Repeat steps 5 and 6 to select the other tracks for the program.

You can see the total playback time of programmed tracks on the display. Also, you can see the programmed tracks on the music calendar.

### Press the CD ▷/|| button.

The System plays the tracks in the order you have programmed them.

- You can skip to a particular program track by pressing the ◀ or ▶ button during Program Play.

- To stop playing, press the ■ button once.

To confirm the programmed tracks while the CD player is stopped, each time press the ◀ or ▶ button; the tracks making up the program will successively be displayed in the programmed order.

To delete all the tracks in the program, in stop mode, press the ■ button. Pressing the CD ▲ button to open the CD cover will also clear the programmed tracks.

To exit the program mode once, while the CD Player is stopped, press the PROGRAM button to light off the "CD PROGRAM" indicator.

### Notes:

- If the total playback time of the programmed tracks exceeds 99 minutes 59 seconds, the total playback time will go out on the display.
- If you try to program the 21th track, "MEMORY FULL" appears on the display for about 2 seconds.

### To Modify the Program

Modify the contents of the program while the CD Player is stopped. Each time you press the CANCEL button, the last track in the program is deleted. To add new tracks to the end of the program, repeat above steps 5 to 7.



The tracks will play in no special order when you use this mode.

### Press the RANDOM button on the Remote Control.

The "CD RANDOM" indicator lights up on the display.

### Press the CD ▷/|| button.

The tracks are played in random order.

To skip a track during playback, press the ▶ button to jump to the next track in the random sequence. Press the ◀ button to jump back to the start of a track being played.

To exit Random Play mode, while the CD Player is stopped, press the RANDOM button to light off the "CD RANDOM" indicator and carry out Normal Play, or press the CD ▲ button to open the CD cover.



You can set the program or individual track playing to repeat as many times as you like.

### Press the REPEAT button on the Remote Control.

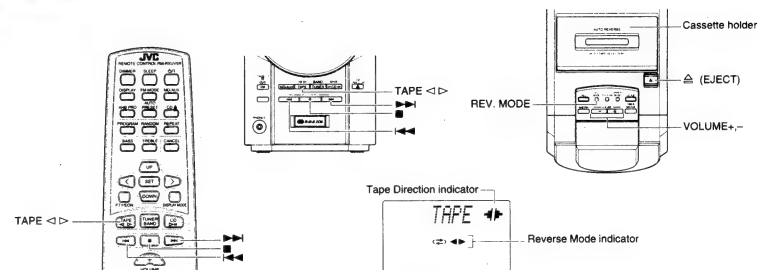
The Repeat indicator changes with each press of the button, as shown below.

- ◁ → C ALL → blank display → (back to the beginning)
- ◁ : Repeats one track.
- ◁ : In Normal Play mode, repeats all the tracks.
- ◁ : In Program Play mode, repeats all the tracks in the program.
- ◁ : In Random Play mode, repeats all the tracks in random order.

To exit Repeat mode, press the REPEAT button until the Repeat indicator on the display goes out.

- In Random Play, as a matter of course, ◁ cannot be selected.
- Repeat mode remains in effect even when you change the play mode.

## Using the Cassette Deck (Listening to a Tape)



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

The Cassette Deck allows you to play and record audio tapes.

- With Automatic Tape Detection, you can listen to type I, II or IV tapes without having to change any settings.

The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.

### One Touch Play

By pressing the TAPE < > button on the Unit or the Remote Control, the Unit will come on, "TAPE" appears in the display, and if a tape is in the deck, it will start to play. If no tape is loaded, "NO TAPE" appears on the display, the Unit will come on and wait for you to insert a tape, or select another function.



When the power is already on, you can use this basic procedure:

### Press the (EJECT) button.

### When the cassette holder opens, put the cassette in, with the side you want to listen facing up.

- If the cassette holder does not open, turn the Unit off, then back on and press the (EJECT) button again.



### Close the holder gently until it clicks.

### Press the TAPE < > button.

The tape is played in the direction shown by the Tape Direction indicator.

### If you need to change the playback direction, press the TAPE < > again.

The opposite side Tape Direction indicator lights up and the tape playback direction changes.

To stop playing, press the ■ button.

To remove the tape, stop the tape, and press the (EJECT) button.

### To Fast-Wind A Tape

- Press the ▶ or ◀ button on the Unit or the Remote Control to fast-wind the tape. ▶ or ◀ indicator of the tape fast-wind direction appears on the display.

- The Cassette Deck automatically stops when the tape reaches its end.



You can set a tape to play just one side, both sides in succession, or both sides continuously.

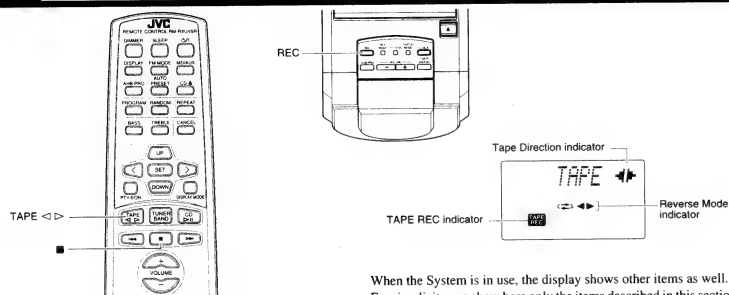
### Press the REV. MODE button on the Unit.

The indicator changes with each press of the button as shown.

◁ → ▷ → ◁ → ▷ (back to the beginning)

- ◁ : The Cassette Deck automatically stops after playing one side of the tape.
- ▷ : The Cassette Deck automatically stops after playing both sides of the tape. (Stops when playback in the ◁ direction is finished.)
- ◁ ▷ : The Cassette Deck continues to play both sides of the tape until the ■ button is pressed.

## Using the Cassette Deck (Recording)

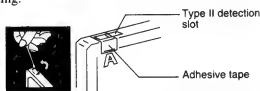


When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

Recording onto a tape from any of the sound sources is simple. Just place a tape in the Cassette Deck, have the source ready, make one or two settings, and you're ready to record. For each source the procedure is a little bit different so we explain each separately. But first, here are a few things to make your recordings better.

### Things To Know Before You Start Recording

- It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.
- When you want to record onto both sides of a tape, you can set Reverse mode to do so. Recording automatically stops after recording in the ◀ direction. Therefore, make sure that the tape direction is ▶ when recording with Reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Nor is it affected by adjusting the sound effects. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or recording.



- To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a type II tape is used, only cover part of the hole as shown, since the other part of the hole (Type II detection slot) is used to detect the tape type.
- Type I and Type II tapes can be used for recording.

**Note:** At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Thus, when recording CDs or radio broadcasts, wind on the leader tape first to ensure getting the beginning of the recording.

**CAUTION:** If a recording you make has excessive noise or static, the Unit may have been too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

### Standard Recording

You can record any sound source to tape as follows:

1. **Insert a blank or erasable tape into the Cassette Deck and wind past the tape leader.**
  2. **Press the REV. MODE button on the Unit if you want to record on both sides of the tape.**  
Press the button until the ◀ indicator is lit.
    - When using Reverse mode, insert the tape so that it will be recorded in the forwards ▶ direction.
  3. **Check the recording direction for the tape.**  
Make sure that the Tape Direction indicator is the same as that for the tape in the Cassette Deck. If the directions are different, press the TAPE < > button to correct the tape direction and then press the ■ button to stop the tape.
  4. **Prepare the source, by, for example, tuning in a radio station or turning on connected auxiliary equipment.**
- Note:** For CD recording, refer to "CD Direct Recording" mentioned below.

5. **Press the REC button on the Unit.**  
The "TAPE REC" indicator lights up and the System begins recording.
  - If the tab of the cassette tape is removed to prevent erasure or recording, "NO REC" will appear on the display.

### Notes for using Reverse mode for recording

When recording in Reverse mode, the System automatically stops when it reaches the end of the reverse ◀ direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted is forwards ▶, and that the Tape Direction indicator is also forwards ▶, before you start recording.

### To Stop at Any Time During the Recording Process

Press the ■ button.

### CD Direct Recording

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

1. **Insert a cassette into the Cassette Deck and wind past the tape leader.**
2. **Insert a CD.**
3. **Press the CD > / II button on the Unit or on the Remote Control.**
4. **Press the ■ button.**
  - If you want to record specific tracks only, program the tracks beforehand. You can check their total playback time on the display during programming. (See page 13.)
5. **If you want to record on both sides of a tape, press the REV. MODE button on the Unit until the "◀" indicator is lit. Make sure that the recording direction for the tape and the Tape Direction indicator is correct. (See "Notes for using Reverse mode for recording".)**
6. **Choose whether to have pauses between recorded selections.**
  - If nothing is done, a non-recorded pause of about four seconds will be automatically left between selections.
  - If you do not want pauses between selections, do the following before proceeding to the next step.  
**Press the CD > / II button on the Unit or the Remote Control twice.**  
The CD player enters Pause mode.
7. **Press the REC button on the Unit.**  
The "TAPE REC" indicator lights up and the System begins recording.
  - If you make a recording with Reverse mode on, the Unit will record the last song at the end of the first side onto the next side from its beginning when the song has been recorded more than 12 seconds on the first side.  
If the last song has been recorded less than 12 seconds, then the previous song will again be recorded on the next side as it will not be completely recorded on the first side because of leader tape.
  - After the CD player has played the entire CD, or all the programmed tracks, the tape automatically stops.

**To stop at any time during the recording process,** press the ■ button. The tape stops after four seconds.

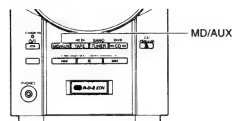
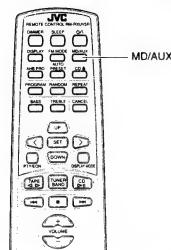
**Note:** When making SLEEP timer settings while doing CD Direct recording, set enough time to allow for the CD to finish playing, otherwise the power will go off before recording is completed.

### One Track Recording

1. **Insert a cassette into the Cassette Deck and wind past the tape leader.**
2. **Play the track on the CD you wish to record.**
3. **Press the REC button on the Unit.**

The CD player returns to the beginning of that track and the track is recorded on the tape. After recording, the CD player and Cassette Deck automatically stop.

## Using External Equipments



### Connecting to External Equipment

You can listen to external equipment such as MD recorder, turntable or other auxiliary.

- First make sure that the external equipment is properly connected to the System. (See page 4).

- Set the **VOLUME** control to the minimum position.

- Press the **MD/AUX** button.

"AUX" appears on the display.

AUX

- Start playing the external equipment.

- Adjust the **VOLUME** control to the desired listening level.

- Apply sound effects, if you wish.

- Press the **AHB PRO** button to reinforce the bass sound.
- Press the **BASS/TREBLE** button on the Remote Control to control the tone. (See "Tone Control" on page 7.)

To exit **MD/AUX mode**, you will automatically switch out of MD/AUX mode when you select another source.

**Note:** For operation of the external equipment, refer to its Instructions.

### Recording to External Equipment

You can record the System's source to external equipment which is connected to the **LINE OUT** or **OPTICAL DIGITAL OUT** terminals of the System, such as cassette deck or MD recorder, etc.

- First make sure that the external equipment is properly connected to the System. (See page 4).

- Play the System's **CD Player, Cassette Deck, or tune into a station.**

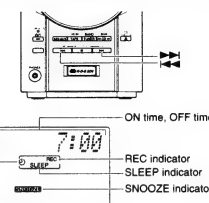
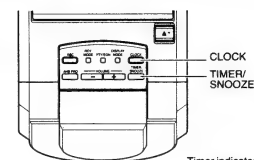
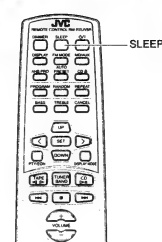
- The recording level is not affected by the **VOLUME** level set by the System. Also it is not affected by the sound effects.

**Note:** For operation of the external equipment, refer to its Instructions.

English

English

## Using the Timers



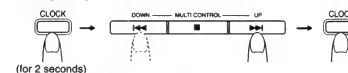
When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

The timers let you control listening and recording functions automatically.

- When you plug the AC power cord into the wall outlet, the time indication blinks on the display.
- You can set the clock whether the System is on or off. In addition to the digital clock, the analog clock also shows the time.

**Notes:**

- The clock must be correctly set for the timers to work.
- The procedure must be completed within two minutes. Otherwise, the setting is cleared and must be repeated from the beginning.



- Press the **CLOCK** button on the Unit for more than two seconds.

The time indication rapidly blinks on the display.

- Press the **▶▶** or **◀◀** button on the Unit to set the time.

Pressing the **▶▶** button moves the time forwards and pressing the **◀◀** button moves it backwards. Hold down the button to move the time rapidly.

- Press the **CLOCK** button.

The selected time is set and the seconds start counting from 0.

**CAUTION:** If there is a power failure, the clock loses its setting after about 20 minutes. "0:00" blinks on the display and the clock must be reset.

**Note:** The clock may gain or lose one to two minutes per month.

### Setting the Daily Timer

Once you have set the Daily Timer, the timer will be activated at the same time every day. It can be cancelled and re-activate whenever you wish.

The Timer indicator on the display shows when the Daily Timer you have set is in effect.

**Note:** Perform each setting within 30 seconds. Otherwise, setting is cleared and the procedure must be repeated from the beginning.

- Press the **⏻** button to turn on the System.

- Setting the **ON** time (Example: 12:15).

- Press the **TIMER/SNOOZE** button on the Unit. The Timer indicator lights up and the current ON time blinks on the display.
- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

ON 7:00

- Press the **▶▶** or **◀◀** button on the Unit to set the time you want the Unit to come on. Pressing the **▶▶** button moves the time forwards and pressing the **◀◀** button moves it backwards. Hold down the button to move the time rapidly.

ON 12:15

- Setting the **OFF** time (Example: 13:15).

- Press the **TIMER/SNOOZE** button on the Unit. The current OFF time blinks on the display.

OFF 7:00

- Press the **▶▶** or **◀◀** button on the Unit to set the time you want the Unit to be turned off. Pressing the **▶▶** button moves the time forwards and pressing the **◀◀** button moves it backwards. Hold down the button to move the time rapidly.

OFF 13:15

- Selecting the music source.

- Press the **TIMER/SNOOZE** button on the Unit. The "TUNER" blinks on the display.
- Press the **▶▶** or **◀◀** button to select the music source you want to listen to. The display changes as shown below. **TUNER** → **TUNER REC** → **CD** → **TAPE** → (back to the beginning)
- When you select the "TUNER REC", the "REC" indicator appears on the display.

### Setting the volume level.

1. Press the TIMER/SNOOZE button on the Unit.  
The current volume setting blinks on the display.
2. Press the ► or ◄ button to select the volume level.  
-- : The current volume level will be used.  
0 to 50: When the timer is turned on, the Volume will be automatically set to the selected level.

VOLUME -15-

### Press the TIMER/SNOOZE button on the Unit.

The timer setting is completed and the display returns to the display before you set the timer. The timer indicator remains lit.

### Before turning off the System, prepare the music source selected in step 4.

TUNER: Tune in to the desired station.

TUNER REC: Tune in to the desired station and insert a cassette tape for recording the station.

CD: Insert a CD.

TAPE: Insert a tape.

### Press the button to turn off the System.

To cancel the timer, press the TIMER/SNOOZE button. The Timer indicator goes out on the display.

To re-activate the cancelled timer, press the TIMER/SNOOZE button to light the Timer indicator. Then, press the TIMER/SNOOZE button until the display returns to the original display. The Timer indicator should remain lit.

To confirm the timer settings, cancel the timer once by pressing the TIMER/SNOOZE button. Then, press the TIMER/SNOOZE button repeatedly, to see the current timer settings (ON time, OFF time, source, and volume).

To change the timer setting, repeat the setting procedure from the beginning.

- When the timer turns on, the Timer indicator starts blinking.

**CAUTION: If the System is unplugged, or a power failure occurs, the timer setting will be lost. You will need to reset the clock first, then the timer.**

### 5-Minute Snoozing

When the timer turns on the music source you can, if you wish, activate the 5-minute snoozing function to temporarily stop playback.

### Press the TIMER/SNOOZE button on the Unit.

The "SNOOZE" indicator lights up on the display and the power is turned off for five minutes for snoozing.

Use the Sleep Timer to turn the System off after a certain number of minutes when it is playing. By setting the Sleep Timer, you can fall asleep to music and know that your System will turn off by itself rather than play all night.

- You can only set the Sleep Timer when the System is on and a source is playing.

### Play a CD, a cassette tape, or tune in to the desired station.

### Press the SLEEP button on the Remote Control.

The "SLEEP" indicator lights up.

- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

### Set the length of time you want the source to play before shutting off.

- Each time you press the SLEEP button, it changes the number of minutes shown on the display in this sequence:  
10 → 20 → 30 → 60 → 90 → 120 → Cancelled → (back to the beginning)

After setting the number of minutes for the Sleep Timer, the display will stop blinking and return to the display as before setting the Sleep Timer. (The display is dimmed.)

The System is now set to turn off after the number of minutes you set.

### To Confirm the Sleep Time

When the SLEEP button is pressed, the remaining sleep time is displayed. Wait until the display returns to the original display.

### To Cancel the SLEEP Timer Setting

Press the SLEEP button until the "SLEEP" indicator goes out on the display.

Turning off the System also cancels the SLEEP Timer.

- If you are setting the Daily Timer, the System will be turned on at the set time to wake you up.

English

English

## Care And Maintenance

Handle your CDs carefully, and they will last a long time.

### Compact Discs



- Only CDs bearing this mark can be used with this System. However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the System.



- Remove the CD from its case by holding it at the edges while pressing the case's center hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.



- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.



- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

**CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.**

### General Notes

In general, you will have the best performance by keeping your CDs and the mechanism clean.

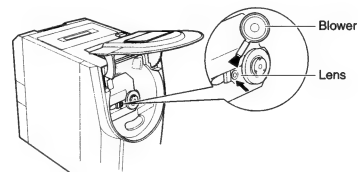
- Store CDs in their cases, and keep them in cabinets or on shelves.
- Keep the system's CD cover closed when not in use.

### Cleaning the lens

If the lens in the CD pickup is dirty, dropout, etc., could degrade sound.

Open the CD cover and clean the lens as shown.

- Use a blower (available from a camera store) to blow dust off the lens.



- If there are fingerprints, etc. on the lens, gently wipe clean with a cotton swab.



### Moisture Condensation

Moisture may condense on the lens inside the System in the following cases:

- After turning on heating in the room.
- In a damp room.
- If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

### Cassette Tapes



- If the tape is loose, it may get stretched, cut, or caught in the cassette. Take up the slack by inserting a pencil in one of the reels and rotating.



- Do not touch the tape surface.



- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

### Cassette Deck

- If the heads, capstans, or pinch-rollers of the Cassette Deck become dirty, the following may occur:

- Loss of sound quality
- Discontinuous sound
- Fading
- Incomplete erasure
- Difficulty recording



- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequency notes.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

## Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the System has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	<ul style="list-style-type: none"> <li>• Connections are incorrect, or loose.</li> <li>• Headphones are connected.</li> </ul>	<ul style="list-style-type: none"> <li>• Check all connections and make corrections. (See pages 4- 5.)</li> <li>• Disconnect the headphones.</li> </ul>
Unable to record.	Cassette record protect tabs are removed.	Cover the holes on the back edge of the cassette with tape.
Poor radio reception	<ul style="list-style-type: none"> <li>• The antenna is disconnected.</li> <li>• The AM Loop Antenna is too close to the System.</li> <li>• The FM Wire Antenna is not properly extended and positioned.</li> </ul>	<ul style="list-style-type: none"> <li>• Reconnect the antenna securely.</li> <li>• Change the position and direction of the AM Loop Antenna.</li> <li>• Extend FM Wire Antenna to the best reception position.</li> </ul>
The CD skips.	The CD is dirty or scratched.	Clean or replace the CD.
The CD does not play.	The CD is upside down.	Put the CD in with the label side up.
Unable to operate the Remote Control.	<ul style="list-style-type: none"> <li>• The path between the Remote Control and the sensor on the Unit is blocked.</li> <li>• The batteries have lost their charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Remove the obstruction.</li> <li>• Replace the batteries.</li> </ul>
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the System then plug it back in.
The cassette holder cannot be opened.	During tape playing, the power cord was unplugged.	Plug in the power cord, press the  button, and then press the  button.

English

English

## Specifications

### Amplifier

Output Power 34 W (17 W + 17 W) at 4 ohms (Max.)  
24 W (12 W + 12 W) at 4 ohms (10% THD)

Input Sensitivity/Impedance (1 kHz)  
LINE IN (AUX) 500 mV/65 kohms  
Output Sensitivity/Impedance (1 kHz)  
LINE OUT 500 mV/4.3 kohms  
Optical out -21 dBm - -15 dBm  
Speaker terminals 4 - 16 ohms  
Phones 16 ohms - 1 kohms  
0 - 15 mW/ch output into 32 ohms

### Cassette Deck

Frequency Response  
TypeII (CrO<sub>2</sub>) 50 Hz - 15 kHz  
Wow and Flutter 0.15 % (WRMS)

### CD Player

Signal-To-Noise Ratio 90 dB  
Wow And Flutter Unmeasurable

### Tuner

FM Tuner  
Tuning Range 87.5 - 108.0 MHz  
AM Tuner  
Tuning Range (MW) 522 - 1,629 kHz  
(LW) 144 - 288 kHz

### Speaker Specifications

(each unit)  
Speakers 8 cm cone  
Impedance 4 ohms  
Dimensions 140 × 230 × 217 mm (W/H/D)  
Mass Approx. 1.8 kg

### General

Dimensions 438 × 232 × 310.5 mm (W/H/D)  
Mass Approx. 7.2 kg

### Accessories

Power Cord (1)  
AM Loop Antenna (1)  
Remote Control (1)  
Batteries R6P (SUM-3)/AA (15F) (2)  
FM Wire Antenna (1)

### Power Specifications

Power Requirements AC 230 V ~ , 50 Hz  
Power Consumption 38 watts (power on mode)  
3.5 watts (in Standby mode)

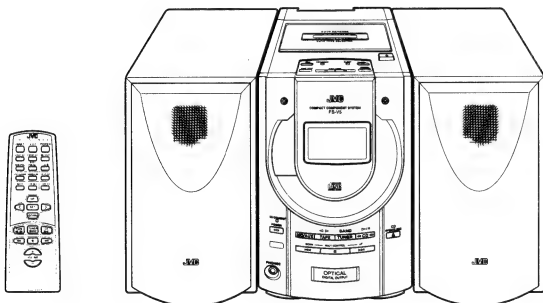
*Design and specifications are subject to change without notice.*

# JVC



**COMPACT COMPONENT SYSTEM**  
**SISTEMAS DE COMPONENTES COMPACTOS**  
**SYSTEME DE COMPOSANTS COMPACT**

## FS-V5



**COMPACT**  
**disc**  
**DIGITAL AUDIO**

**INSTRUCTIONS**  
**MANUAL DE INSTRUCCIONES**  
**MANUEL D'INSTRUCTIONS**

**For Customer Use:**  
 Enter below the Model No. and Serial No.  
 which are located either on the rear, bot-  
 tom or side of the cabinet. Retain this  
 information for future reference.

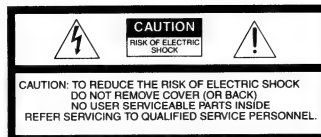
Model No. \_\_\_\_\_  
 Serial No. \_\_\_\_\_

LVT0214-001A

[J]

### Warnings, Cautions and Others / Mises en garde, précautions et indications diverses

(For U.S.A)



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

#### INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



### For Canada/pour le Canada

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

**PRECAUTION:** POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

### For Canada/pour le Canada

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.

CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR: "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** Radiation laser invisible quand l'appareil est ouvert ou que le verrouillage est en panne ou désactivé. Eviter une exposition directe au rayon.
3. **ATTENTION:** Ne pas ouvrir le couvercle du dessus. Il n'y a aucune pièce utilisable à l'intérieur. Laisser à un personnel qualifié le soin de réparer votre appareil.

### CAUTION

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

### ATTENTION

Afin d'éviter tout risque d'électrocution, d'incendie, etc.:

1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

#### Caution — POWER switch!

Disconnect the mains plug to shut the power off completely. The POWER switch in any position does not disconnect the mains line. The power can be remote controlled.

#### Attention — Commutateur POWER!

Déconnecter la fiche de secteur pour couper complètement le courant. Le commutateur POWER ne coupe jamais complètement la ligne de secteur, quelle que soit sa position. Le courant peut être télécommandé.

English

Thank you for purchasing the JVC Compact Component System.

We hope it will be a valued addition to your home, giving you years of enjoyment.

Be sure to read this instruction manual carefully before operating your new stereo system.

In it you will find all the information you need to set up and use the system.

If you have a query that is not answered by the manual, please contact your dealer.

Here are some of the things that make your System both powerful and simple to use.

- The controls and operations have been redesigned to make them very easy to use, freeing you to just enjoy the music.
  - With JVC's **COMPU PLAY** you can turn on the System and automatically start the Radio, Cassette deck or CD Player with a single touch.
- The System incorporates Active Hyper Bass PRO circuitry to faithfully reproduce low frequency sounds.
- A 45-station preset capability (30 FM and 15 AM) in addition to auto-seek and manual tuning.
- Versatile CD options include repeat, random and program play.
- Timer functions; Daily Timer and Sleep Timer.
- Auto-reverse tape function.
- You can connect various external units, such as an MD recorder.



- Basic information that is the same for many different functions - e.g. setting the volume - is given in the section 'Common Operations', and not repeated under each function.
- The names of buttons/controls and display messages are written in all capital letters: e.g. TUNER BAND, "NO DISC".
- System functions are written with an initial capital letter only: e.g. Normal Play.

Use the table of contents to look up specific information you require.

We've enjoyed making this manual for you, and hope it serves you in enjoying the many features built into your System.

### Installation of the System

- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the System and a TV.
- Do not use the System in a place subject to vibrations.

### Power cord

- Do not handle the power cord with wet hands!
- Some power is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.

### Malfunctions, etc.

- There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the System.

## Table of Contents

Features .....	1	Using the Timers .....	16
How This Manual Is Organized .....	1	Care And Maintenance .....	18
IMPORTANT CAUTIONS .....	1	Troubleshooting .....	19
Getting Started .....	2	Specifications .....	20
Common Operations .....	6		
Using the Tuner .....	8		
Using the CD Player .....	10		
Using the Cassette Deck (Listening to a Tape) ....	12		
Using the Cassette Deck (Recording) .....	13		
Using External Equipments .....	15		

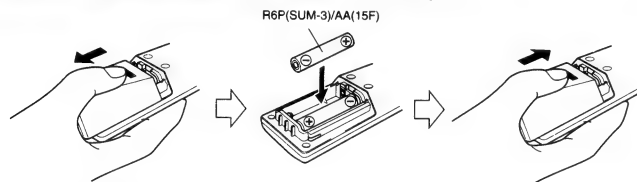
## Getting Started

Make sure that you have all of the following items, which are supplied with the System.

- Power Cord (1)
- AM Loop Antenna (1)
- Remote Control (1)
- Batteries (2)
- FM Wire Antenna (1)

If any of these items are missing, contact your dealer immediately.

Match the polarity (+ and -) on the batteries with the + and - markings in the battery compartment.



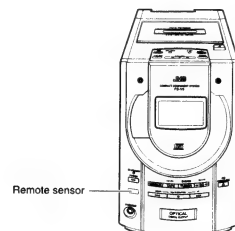
### CAUTION: Handle batteries properly.

To avoid battery leakage or explosion:

- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery with a new one.
- Don't use different types of batteries together.

### Using the Remote Control

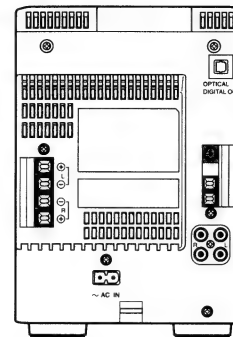
The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away. You need to point the Remote Control at the remote sensor on the System's front panel.



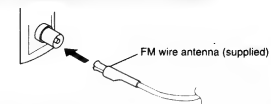
English

English

**CAUTION: Make all connections before plugging the System into an AC power outlet.**



### Using the Supplied Wire Antenna

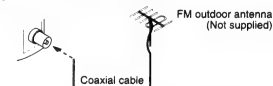


### Using the Coaxial Type Connector (Not Supplied)

A 75-ohm antenna with coaxial type connector should be connected to the FM 75-ohm COAXIAL terminal.

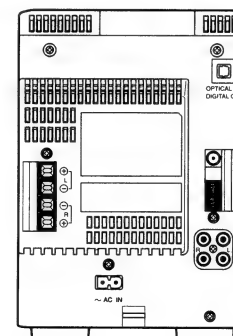


If reception is poor, connect the outdoor antenna.



**Note:** Before attaching a 75 ohm coaxial lead (the kind with a round wire going to an outdoor antenna), disconnect the supplied FM Wire Antenna.

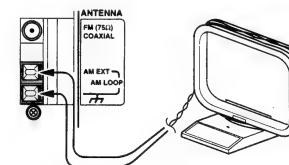
### Connecting the Antennas



AM loop antenna (Supplied)



Attach the AM loop to its base by snapping the tabs on the loop into the slot in the base.



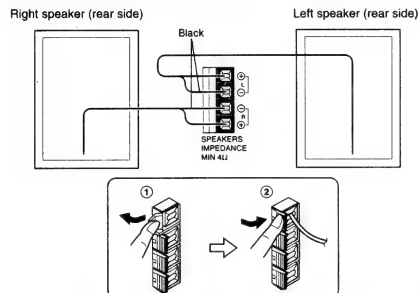
Turn the loop until you have the best reception.

**CAUTION: To avoid noise, keep antennas away from the System, the connecting cord and the AC power cord.**

**CAUTION: Make all connections before plugging the System into an AC power outlet.**

For each speaker, connect one end of the speaker wire to the speaker terminals on the back of the System.

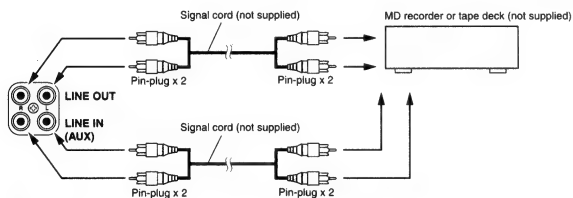
1. Open each of the terminals and insert the speaker wires firmly, then close the terminals.
2. Connect the red (+) and black (-) wires of the right side speaker to the red (+) and black (-) terminals marked R on the System.  
Connect the red (+) and black (-) wires of the left side speaker to the red (+) and black (-) terminals marked L on the System.



**CAUTION: A TV may display irregular colors if located near the speakers. If this happens, set the speakers away from the TV.**

Connect signal cords (not supplied) between the System's LINE IN (AUX)/LINE OUT terminals and the output/input terminals of the external MD recorder, tape deck, etc.

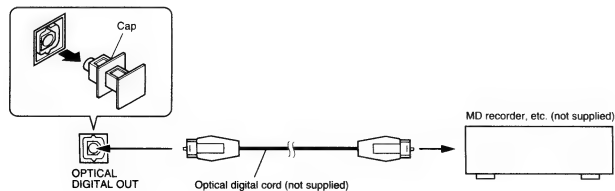
You can then listen to the external source through the System, or record the System's CD player, cassette tape, or tuner to the external unit.



#### Connecting an MD Recorder, etc. (Digital Output)

Unplug the cap and connect an optical digital cord (not supplied) between the System's OPTICAL DIGITAL OUT terminal and the input terminal of the MD recorder, etc.

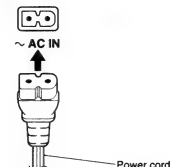
You can record the digital output signal from the System's CD Player to the MD recorder, etc.



English

English

Firmly insert the supplied AC power cord into the AC inlet on the back of the Unit.



#### CAUTIONS:

- **ONLY USE THE JVC POWER CORD PROVIDED WITH THIS SYSTEM TO AVOID MALFUNCTION OR DAMAGE TO THE SYSTEM.**
- **BE SURE TO UNPLUG THE POWER CORD FROM THE OUTLET WHEN GOING OUT OR WHEN THE SYSTEM IS NOT IN USE FOR AN EXTENDED PERIOD OF TIME.**

**Now you can plug the AC power cord into the wall outlet, and your System is at your command!**

JVC's COMPU PLAY feature lets you control the most frequently used System functions with a single touch.

With One Touch Operation you can play a CD, a tape, turn on the radio, or listen to an external equipment with a single press of the play button for that function. One Touch Operation turns the power on for you, then starts the function you have specified. If the System is not ready (no CD in place), the System still powers on so you can insert a CD.

How One Touch Operation works in each case is explained in the section dealing with that function.

The COMPU PLAY buttons are:

#### On the Unit

CD > II button  
TUNER BAND button  
TAPE < I > button  
MD/AUX button

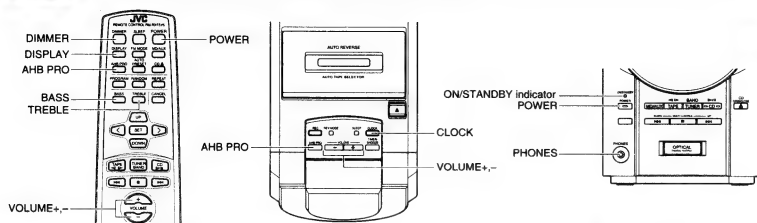
#### On the Remote Control

CD > II button  
TUNER BAND button  
TAPE < I > button  
MD/AUX button

The System automatically turns on with the following operation.

- When you press the CD > II button, the System automatically turns on and the CD cover opens to allow CD insertion. However, this operation does not change the function to CD.  
When you press the POWER button to turn off the System, the CD cover will automatically closed if it is opened.

## Common Operations



### Turning the System On

#### Press the **POWER** button.

The display comes on and "HELLO" is displayed once. The ON/STANDBY indicator lights in green. The System comes on ready to continue in the mode it was in when the power was last turned off.

- For example, if the last thing you were doing was listening to a CD, you are now ready to listen to a CD again. If you wish, you can change to another source.
- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

### Turning the System Off

#### Press the **POWER** button again.

"GOOD BYE" is displayed and the display goes out, except for the clock display. The ON/STANDBY indicator lights in red.

- Some power is always consumed even though power is turned off (called Standby Mode).
- To switch off the System completely, unplug the AC power cord from the wall outlet. When you unplug the AC power cord, the clock will be reset to AM 12:00 after about 20 minutes.

You can adjust the brightness of the backlighting for the display.

### When the System is Turned On

To make the brightness of the backlighting darker, press the DIMMER button on the Remote Control.

To make the brightness brighter, press the DIMMER button on the Remote Control again.

### When the System is Turned Off (STANDBY MODE)

To turn on the backlighting, press the DIMMER button on the Remote Control. The brightness is the same as for darker one mentioned above.

To turn off the backlighting, press the DIMMER button on the Remote Control again.

Press the VOLUME + button to increase the volume or press the VOLUME - button to decrease it.



You can adjust the volume level between 0 and 50.

**CAUTION: DO NOT turn on the System and/or start playing any source without first setting the VOLUME control to minimum, as a sudden blast of sound could damage your hearing, speakers and/or headphones.**

#### For private listening

Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers.

Be sure to turn down the volume before connecting or putting on headphones.

English

English

You can reinforce the bass sound to maintain rich, full bass at low volume (you can use this effect only for playback):

To get the effect, press the AHB (Active Hyper Bass) PRO button.

The "BASS" indicator lights up on the display.

To cancel the effect, press the button again.

The "BASS" indicator goes out.

You can control the tone by changing the bass and treble.

The analog clock acts to display the bass and treble settings.

By pressing either the BASS or TREBLE button on the Remote Control, you can visually see the current tone control settings.

Examples:

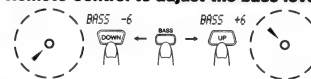


### BASS Control

You can adjust the bass level (low frequency range level) between -6 and +6. (0: Flat)

■ Press the **BASS** button on the Remote Control.

■ Press the **UP** or **DOWN** button on the Remote Control to adjust the bass level.

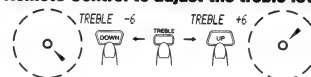


### TREBLE Control

You can adjust the treble level (high frequency range level) between -6 and +6. (0: Flat)

■ Press the **TREBLE** button on the Remote Control.

■ Press the **UP** or **DOWN** button on the Remote Control to adjust the treble level.



In Standby mode, the digital clock and analog clock appear on the display at the same time. Meanwhile, only the analog clock is displayed when a music source is selected. Namely, you can see the analog clock at all times.

When the System is turned on, you can display the digital clock at any time.

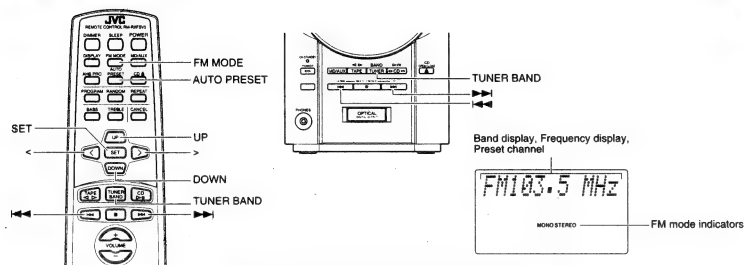
To display the digital clock, press the CLOCK button on the Unit or DISPLAY button on the Remote Control.

To return to the previous mode, press the same button again.



**Note:** To let the clock work, you need to set the clock beforehand. (See "Setting the Clock" on page 16.)

## Using the Tuner



When the System is in use, the display shows other items as well.  
For simplicity, we show here only the items described in this section.

You can listen to FM and AM stations. Stations can be tuned in manually, automatically, or from preset memory storage.

### ■ Before listening to the radio:

- Make sure that both the FM and AM antennas are correctly connected. (See page 3).

### One Touch Radio

Just press the TUNER BAND button to turn on the System and start playing the station you were last tuned to.

- You can switch from any other sound source to the radio by pressing the TUNER BAND button.

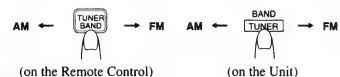
### Tuning the Station

#### 1 Press the TUNER BAND button.

The Band and Frequency you were last tuned to appear on the display.

(If the last station was selected using the preset number, the preset number appears first.)

Each time you press the button, the band alternates between FM and AM.



#### 2 Select a station using one of the following methods.

##### ■ Manual Tuning

Press the < or > button on the Unit or the Remote Control repeatedly to move from frequency to frequency until you find the station you want.

OR

##### ■ Auto Tuning

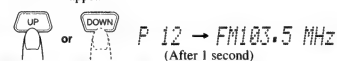
If you press and hold the < or > button on the Unit or the Remote Control for one second or more, the frequency changes down, or up, automatically until a station is found.

OR

#### ■ Preset Tuning using the Remote Control (Possible only after presetting stations)

Select the desired preset number using the Up, Down, > and < button on the Remote Control. After 1 second the display will show the preset number's band and frequency.

Example: Press the UP button until the preset number 12 "P12" appears.



You can preset up to 30 FM stations and up to 15 AM stations using the Remote Control.

**Note:** Preset numbers may have been set to factory test frequencies prior to shipment. This is not a malfunction. You can preset the stations you want into memory by following one of the presetting methods below.

### Manual Presetting



#### 1 Select a band by pressing the TUNER BAND button.

#### 2 Press the < or > button to tune in a station.

#### 3 Press the SET button.

"SET" will blink for 5 seconds.

Within 5 seconds, proceed to the next step.

When the display returns to the one set in STEP 2 after 5 seconds, press the SET button again.

English

English

#### ■ Press the UP, DOWN, > or < button within 5 seconds to select the preset number.

UP or > button: Increases the preset number by 1.

DOWN or < button: Decreases the preset number by 1.

- When the > or < button is kept pressing, the preset number changes rapidly.

#### ■ Press the SET button within 5 seconds.

"STORED" appears and after 2 seconds, the display returns to the broadcast frequency display.

#### ■ Repeat above steps 1 to 5 for each station you want to store in memory with a preset number.

To change the preset stations, repeat the same steps as above.

### Automatic Presetting

In each band, you can automatically preset FM-30, AM-15 stations. Preset numbers will be allocated as stations are found, starting from the lowest frequency and moving up the frequency.



#### 1 Select a band by pressing the TUNER BAND button.

#### 2 Press the AUTO PRESET button on the Remote Control for more than two seconds.

#### 3 Repeat steps 1-2 for the other band.

- If you want to change the preset stations, carry out the Manual Presetting for the desired preset numbers.

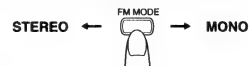
**CAUTION:** Even if the system is unplugged or if the power failure occurs, the preset stations will be stored for about 24 hours. However, in case the preset stations are erased, you will need to preset the stations again.

### FM Stereo

When you are tuned into an FM stereo broadcast, the "STEREO" indicator lights up and you can hear stereo effects.

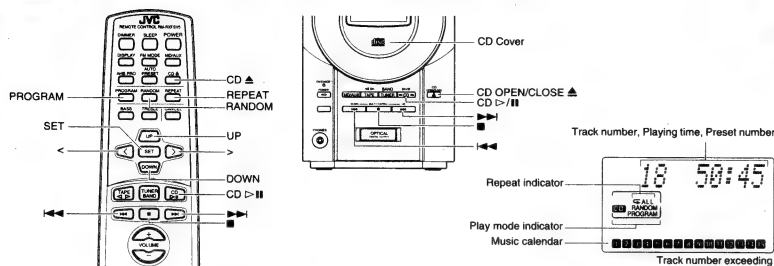
If an FM stereo broadcast is hard to receive or noisy, you can select Monaural mode. Reception improves, but you lose stereo effect.

Press the FM MODE button on the Remote Control so that the "MONO" indicator lights up on the display.



To restore the stereo effect, press the FM MODE button on the Remote Control so that the "MONO" indicator goes off.

## Using the CD Player



When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

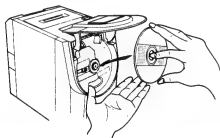
You can use Normal, Random, Program or Repeat Play. Repeat Play can repeat all the tracks or just one of the tracks on the CD. Here are the basic things you need to know to play a CD and locate the different tracks on it.

### The Quickest Way To Start a CD is With the One Touch Operation

- Press the CD >|| button on the Unit or the Remote Control. The power is automatically turned on. If a CD is already inserted, it will start playing from the first track.
- If no CD is inserted, "NO DISC" appears on the display and the CD Player remains in Stop mode.

- Press the CD OPEN/CLOSE ▲ button on the Unit (or the CD ▲ button on the Remote Control.) The CD cover opens.

- Place a CD, with its label side out as shown below. Press down on the CD's center until you hear a click.



- Press the CD OPEN/CLOSE ▲ button (or CD ▲ button) again to close the CD cover.

- To close the CD cover and play the CD, you can just press the CD >|| button.
- You can place an 8 cm (3") CD without an adaptor.
- If the CD cannot be read correctly (because it is scratched, for example), "0 0:00" appears on the display.
- You can insert a CD while listening to the other source.

### CAUTIONS:

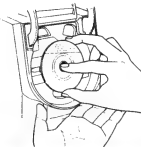
- DO NOT try to open or close the CD cover by hands as it will be damaged.

- When you place or take out a CD, do not let it fall. Also, be careful not to scratch your fingers with a CD cover.

Take out the CD as shown below.



- To unload an 8 cm (3") CD, use the concavity to make removal easier.

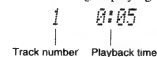


### To Play a CD

- Insert a CD.

- Press the CD >|| button.

The first track of the CD begins playing.

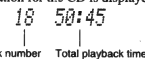


- The track number that has already played disappears from the music calendar.
- The CD Player automatically stops when the last track of the CD has finished playing.

English

English

To stop playing the CD, press the ■ button. The following information for the CD is displayed.



To stop playing and remove the CD, press the CD OPEN/CLOSE ▲ button on the Unit or CD ▲ button on the Remote Control to open the CD cover.

To pause, press the CD >|| button. The playback time blinks on the display.

To cancel pause, press the same button again. Play continues from the point where it was paused.

### To Select a Track or Passage within a Track

During playback, press the < or > button to select the track you want.

The selected track starts playing.

- Press the > or > button once to skip to the beginning of the next track.
- Press the < or < button to skip to the beginning of the track being played. Press twice quickly to skip to the beginning of the previous track.
- When the > or < button on the Remote Control is kept pressing, the track continuously skips.

### Search Play

Holding down the < or > button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the track you are listening to.

You can program the playing order of the tracks using the Remote Control.

- You can program up to 20 tracks in any desired order including the same tracks.
- You can only make a program when the CD Player is stopped.

- Insert a CD.

- Press the CD >|| button.

- Press the ■ button to stop the CD.

- Press the PROGRAM button.

The System enters the programming mode and the "CD PROGRAM" indicator lights up.

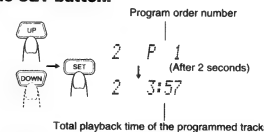


- Press the UP, DOWN, >, or < button to select the track to program.

UP or > button: Increases the track number by 1.  
DOWN or < button: Decreases the track number by 1.

- When the > or < button is kept pressing, the track number changes rapidly.

- Press the SET button.



- Repeat steps 5 and 6 to select the other tracks for the program.

You can see the total playback time of programmed tracks on the display. Also, you can see the programmed tracks on the music calendar.

- Press the CD >|| button.

The System plays the tracks in the order you have programmed them.

- You can skip to a particular program track by pressing the < or > button during Program Play.

- To stop playing, press the ■ button once.

To confirm the programmed tracks while the CD player is stopped, each time press the < or > button; the tracks making up the program will successively be displayed in the programmed order.

To delete all the tracks in the program, in stop mode, press the ■ button. Pressing the CD ▲ button to open the CD cover will also clear the programmed tracks.

To exit the program mode once, while the CD Player is stopped, press the PROGRAM button to light off the "CD PROGRAM" indicator.

### Notes:

- If the total playback time of the programmed tracks exceeds 99 minutes 59 seconds, the total playback time will go out on the display.
- If you try to program the 21th track, "MEMORY FULL" appears on the display for about 2 seconds.

### To Modify the Program

Modify the contents of the program while the CD Player is stopped. Each time you press the CANCEL button, the last track in the program is deleted. To add new tracks to the end of the program, repeat above steps 5 to 7.

The tracks will play in no special order when you use this mode.

- Press the RANDOM button on the Remote Control.

The "CD RANDOM" indicator lights up on the display.

- Press the CD >|| button.

The tracks are played in random order.

To skip a track during playback, press the >|| button to jump to the next track in the random sequence. Press the <|| button to jump back to the start of a track being played.

To exit Random Play mode, while the CD Player is stopped, press the RANDOM button to light off the "CD RANDOM" indicator and carry out Normal Play, or press the CD ▲ button to open the CD cover.

You can set the program or individual track playing to repeat as many times as you like.

### Press the REPEAT button on the Remote Control.

The Repeat indicator changes with each press of the button, as shown below.

☐ → ☐ ALL → blank display → (back to the beginning)

☐ : Repeats one track.

☐ ALL : In Normal Play mode, repeats all the tracks.

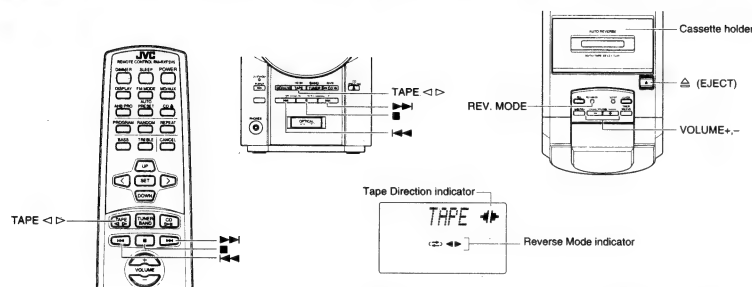
In Program Play mode, repeats all the tracks in the program.

In Random Play mode, repeats all the tracks in random order.

To exit Repeat mode, press the REPEAT button until the Repeat indicator on the display goes out.

- In Random Play, as a matter of course, ☐ cannot be selected.
- Repeat mode remains in effect even when you change the play mode.

## Using the Cassette Deck (Listening to a Tape)



When the System is in use, the display shows other items as well.  
For simplicity, we show here only the items described in this section.

The Cassette Deck allows you to play and record audio tapes.  
■ With Automatic Tape Detection, you can listen to type I, II or IV tapes without having to change any settings.

The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.

### One Touch Play

By pressing the TAPE <|> button on the Unit or the Remote Control, the Unit will come on, "TAPE" appears in the display, and if a tape is in the deck, it will start to play. If no tape is loaded, "NO TAPE" appears on the display, the Unit will come on and wait for you to insert a tape, or select another function.

When the power is already on, you can use this basic procedure:

#### ■ Press the (EJECT) button.

#### ■ When the cassette holder opens, put the cassette in, with the side you want to listen facing up.

- If the cassette holder does not open, turn the Unit off, then back on and press the (EJECT) button again.



#### ■ Close the holder gently until it clicks.

#### ■ Press the TAPE <|> button.

The tape is played in the direction shown by the Tape Direction indicator.

#### ■ If you need to change the playback direction, press the TAPE <|> again.

The opposite side Tape Direction indicator lights up and the tape playback direction changes.

To stop playing, press the ■ button.

To remove the tape, stop the tape, and press the (EJECT) button.

### To Fast-Wind A Tape

- Press the >>> or <<< button on the Unit or the Remote Control to fast-wind the tape. >>> or <<< indicator of the tape fast-wind direction appears on the display.
  - The Cassette Deck automatically stops when the tape reaches its end.

You can set a tape to play just one side, both sides in succession, or both sides continuously.

#### Press the REV. MODE button on the Unit.

The indicator changes with each press of the button as shown.

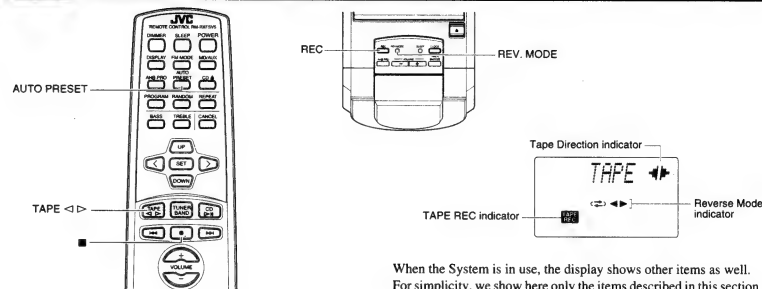
→ → → → (back to the beginning)

- ⏮ : The Cassette Deck automatically stops after playing one side of the tape.
- ⏪ : The Cassette Deck automatically stops after playing both sides of the tape. (Stops when playback in the ◀ direction is finished.)
- ⏩ : The Cassette Deck continues to play both sides of the tape until the ■ button is pressed.

English

English

## Using the Cassette Deck (Recording)

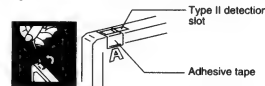


When the System is in use, the display shows other items as well.  
For simplicity, we show here only the items described in this section.

Recording onto a tape from any of the sound sources is simple. Just place a tape in the Cassette Deck, have the source ready, make one or two settings, and you're ready to record. For each source the procedure is a little bit different so we explain each separately. But first, here are a few things to make your recordings better.

### Things To Know Before You Start Recording

- It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable programme and in any literary, dramatic, musical, or artistic work embodied therein.
- When you want to record onto both sides of a tape, you can set Reverse mode to do so. Recording automatically stops after recording in the ◀ direction. Therefore, make sure that the tape direction is ▶ when recording with Reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Nor is it affected by adjusting the sound effects. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or recording.



- To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a type II tape is used, only cover part of the hole as shown, since the other part of the hole (Type II detection slot) is used to detect the tape type.
- Type I and Type II tapes can be used for recording.

**Note:** At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Thus, when recording CDs or radio broadcasts, wind on the leader tape first to ensure getting the beginning of the recording.

**CAUTION:** If a recording you make has excessive noise or static, the Unit may have been too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

You can record any sound source to tape as follows:

#### ■ Insert a blank or erasable tape into the Cassette Deck and wind past the tape leader.

#### ■ Press the REV. MODE button on the Unit if you want to record on both sides of the tape.

Press the button until the ◀ indicator is lit.

- When using Reverse mode, insert the tape so that it will be recorded in the forwards ▶ direction.

#### ■ Check the recording direction for the tape.

Make sure that the Tape Direction indicator is the same as that for the tape in the Cassette Deck. If the directions are different, press the TAPE <|> button to correct the tape direction and then press the ■ button to stop the tape.

#### ■ Prepare the source, by, for example, tuning in a radio station or turning on connected auxiliary equipment.

**Note:** For CD recording, refer to "CD Direct Recording" mentioned below.

#### ■ Press the REC button on the Unit.

The "TAPE REC" indicator lights up and the System begins recording.

- If the tab of the cassette tape is removed to prevent erasure or recording, "NO REC" will appear on the display.

UX-V3/UX-V5  
UX-V5R/FS-V5

### Notes for using Reverse mode for recording

When recording in Reverse mode, the System automatically stops when it reaches the end of the reverse ◀ direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted is forwards ▶, and that the Tape Direction indicator is also forwards ▶, before you start recording.

### To Stop at Any Time During the Recording Process

Press the ■ button.

### Recording an AM station to tape

When recording an AM broadcast, beats may be produced which are not heard when listening to the broadcast. If this happens, press the AUTO PRESET button on the Remote Control to eliminate the beats.

1. Set to AM station and start recording.
2. Press the AUTO PRESET button to eliminate the beats. Each time you press the button, the display changes as shown below:

CUT-1 → CUT-2 → CUT-3 → (back to the beginning)

### CD Direct Recording

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

1. Insert a cassette into the Cassette Deck and wind past the tape leader.
2. Insert a CD.
3. Press the CD ▷/II button on the Unit or on the Remote Control.
4. Press the ■ button.
  - If you want to record specific tracks only, program the tracks beforehand. You can check their total playback time on the display during programming. (See page 11.)
5. If you want to record on both sides of a tape, press the REV. MODE button on the Unit until the "◀" indicator is lit. Make sure that the recording direction for the tape and the Tape Direction indicator is correct. (See "Notes for using Reverse mode for recording".)
6. Choose whether to have pauses between recorded selections.
  - If nothing is done, a non-recorded pause of about four seconds will be automatically left between selections.
  - If you do not want pauses between selections, do the following before proceeding to the next step.

Press the CD ▷/II button on the Unit or the Remote Control twice.

The CD player enters Pause mode.
7. Press the REC button on the Unit.
 

The "TAPE REC" indicator lights up and the System begins recording.

- If you make a recording with Reverse mode on, the Unit will record the last song at the end of the first side onto the next side from its beginning when the song has been recorded more than 12 seconds on the first side. If the last song has been recorded less than 12 seconds, then the previous song will again be recorded on the next side as it will not be completely recorded on the first side because of leader tape.
- After the CD player has played the entire CD, or all the programmed tracks, the tape automatically stops.

To stop at any time during the recording process, press the ■ button. The tape stops after four seconds.

**Note:** When making SLEEP timer settings while doing CD Direct recording, set enough time to allow for the CD to finish playing, otherwise the power will go off before recording is completed.

### One Track Recording

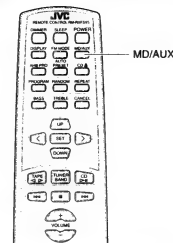
1. Insert a cassette into the Cassette Deck and wind past the tape leader.
2. Play the track on the CD you wish to record.
3. Press the REC button on the Unit.
 

The CD player returns to the beginning of that track and the track is recorded on the tape. After recording, the CD player and Cassette Deck automatically stop.

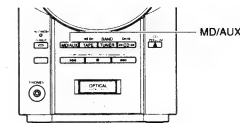
English

English

## Using External Equipments



MD/AUX



MD/AUX

### Listening to External Equipment

You can listen to external equipment such as MD recorder, turntable or other auxiliary.

- First make sure that the external equipment is properly connected to the System. (See page 4).

1. Set the VOLUME control to the minimum position.

2. Press the MD/AUX button.
 

"AUX" appears on the display.

AUX

3. Start playing the external equipment.
4. Adjust the VOLUME control to the desired listening level.
5. Apply sound effects, if you wish.

- Press the AHB PRO button to reinforce the bass sound.
- Press the BASS/TREBLE button on the Remote Control to control the tone. (See "Tone Control" on page 7.)

To exit MD/AUX mode, you will automatically switch out of MD/AUX mode when you select another source.

**Note:** For operation of the external equipment, refer to its Instructions.

### Recording to External Equipment

You can record the System's source to external equipment which is connected to the LINE OUT or OPTICAL DIGITAL OUT terminals of the System, such as cassette deck or MD recorder, etc.

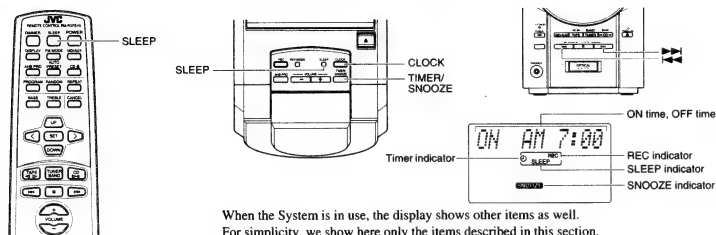
- First make sure that the external equipment is properly connected to the System. (See page 4).

1. Play the System's CD Player, Cassette Deck, or tune into a station.

- The recording level is not affected by the VOLUME level set by the System. Also it is not affected by the sound effects.
- Note:** For operation of the external equipment, refer to its Instructions.



## Using the Timers



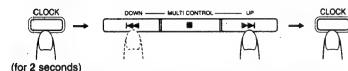
When the System is in use, the display shows other items as well. For simplicity, we show here only the items described in this section.

The timers let you control listening and recording functions automatically.

- When you plug the AC power cord into the wall outlet, the time indication blinks on the display.
- You can set the clock whether the System is on or off.
- In addition to the digital clock, the analog clock also shows the time.

### Notes:

- The clock must be correctly set for the timers to work.
- The procedure must be completed within two minutes. Otherwise, the setting is cleared and must be repeated from the beginning.



### Press the CLOCK button on the Unit for more than two seconds.

The time indication rapidly blinks on the display.

### Press the ►► or ◄◄ button on the Unit to set the time.

Pressing the ►► button moves the time forwards and pressing the ◄◄ button moves it backwards. Hold down the button to move the time rapidly.

### Press the CLOCK button.

The selected time is set and the seconds start counting from 0.

**CAUTION:** If there is a power failure, the clock loses its setting after about 20 minutes. "AM 12:00" blinks on the display and the clock must be reset.

**Note:** The clock may gain or lose one to two minutes per month.

Once you have set the Daily Timer, the timer will be activated at the same time every day. It can be cancelled and re-activate whenever you wish.

The Timer indicator on the display shows when the Daily Timer you have set is in effect.

**Note:** Perform each setting within 30 seconds. Otherwise, setting is cleared and the procedure must be repeated from the beginning.

### Press the POWER button to turn on the System.

### Setting the ON time (Example: PM 12:15).

- Press the TIMER/SNOOZE button on the Unit.  
The Timer indicator lights up and the current ON time blinks on the display.
- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

ON - AM 7:00 -

- Press the ►► or ◄◄ button on the Unit to set the time you want the Unit to come on.  
Pressing the ►► button moves the time forwards and pressing the ◄◄ button moves it backwards. Hold down the button to move the time rapidly.

ON - PM 12:15 -

### Setting the OFF time (Example: PM 1:15).

- Press the TIMER/SNOOZE button on the Unit.  
The current OFF time blinks on the display.
- Press the ►► or ◄◄ button on the Unit to set the time you want the Unit to be turned off.  
Pressing the ►► button moves the time forwards and pressing the ◄◄ button moves it backwards. Hold down the button to move the time rapidly.

OFF - AM 7:00 -

OFF - PM 1:15 -

### Selecting the music source.

- Press the TIMER/SNOOZE button on the Unit.  
The "TUNER" blinks on the display.
- Press the ►► or ◄◄ button to select the music source you want to listen to.  
The display changes as shown below.  
TUNER → TUNER REC → CD → TAPE → (back to the beginning)
- When you select the "TUNER REC", the "REC" indicator appears on the display.

### Setting the volume level.

- Press the TIMER/SNOOZE button on the Unit.  
The current volume setting blinks on the display.
- Press the ►► or ◄◄ button to select the volume level.  
The current volume level will be used.  
0 to 50: When the timer is turned on, the Volume will be automatically set to the selected level.

VOLUME -15-

### Press the TIMER/SNOOZE button on the Unit.

The timer setting is completed and the display returns to the display before you set the timer. The timer indicator remains lit.

### Before turning off the System, prepare the music source selected in step 4.

TUNER: Tune in to the desired station.

TUNER REC: Tune in to the desired station and insert a cassette tape for recording the station.

CD: Insert a CD.

TAPE: Insert a tape.

### Press the POWER button to turn off the System.

To cancel the timer, press the TIMER/SNOOZE button. The Timer indicator goes out on the display.

To re-activate the cancelled timer, press the TIMER/SNOOZE button to light the Timer indicator. Then, press the TIMER/SNOOZE button until the display returns to the original display. The Timer indicator should remain lit.

To confirm the timer settings, cancel the timer once by pressing the TIMER/SNOOZE button. Then, press the TIMER/SNOOZE button repeatedly, to see the current timer settings (ON time, OFF time, source, and volume).

To change the timer setting, repeat the setting procedure from the beginning.

- When the timer turns on, the Timer indicator starts blinking.

**CAUTION:** If the System is unplugged, or a power failure occurs, the timer setting will be lost. You will need to reset the clock first, then the timer.

### 5-Minute Snoozing

When the timer turns on the music source you can, if you wish, activate the 5-minute snoozing function to temporarily stop playback.

### Press the TIMER/SNOOZE button on the Unit.

The "SNOOZE" indicator lights up on the display and the power is turned off for five minutes for snoozing.

Use the Sleep Timer to turn the System off after a certain number of minutes when it is playing. By setting the Sleep Timer, you can fall asleep to music and know that your System will turn off by itself rather than play all night.

- You can only set the Sleep Timer when the System is on and a source is playing.

### Play a CD, a cassette tape, or tune in to the desired station.

### Press the SLEEP button.

The "SLEEP" indicator lights up.

- When the clock is not set, the "CLOCK" indicator and the "ADJUST" indicator appear alternately on the display. Set the clock at first.

### Set the length of time you want the source to play before shutting off.

- Each time you press the SLEEP button, it changes the number of minutes shown on the display in this sequence:  
10 → 20 → 30 → 60 → 90 → 120 → Cancelled → (back to the beginning)

After setting the number of minutes for the Sleep Timer, the display will stop blinking and return to the display as before setting the Sleep Timer. (The display is dimmed.)

The System is now set to turn off after the number of minutes you set.

### To Confirm the Sleep Time

When the SLEEP button is pressed, the remaining sleep time is displayed. Wait until the display returns to the original display.

### To Cancel the SLEEP Timer Setting

Press the SLEEP button until the "SLEEP" indicator goes out on the display.

Turning off the System also cancels the SLEEP Timer.

- If you are setting the Daily Timer, the System will be turned on at the set time to wake you up.

## Care And Maintenance

Handle your CDs carefully, and they will last a long time.

### Compact Discs



- Only CDs bearing this mark can be used with this System. However, continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the System.



- Remove the CD from its case by holding it at the edges while pressing the case's center hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.



- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.



- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.

**CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.**

### General Notes

In general, you will have the best performance by keeping your CDs and the mechanism clean.

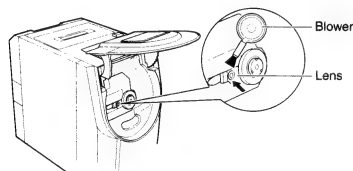
- Store CDs in their cases, and keep them in cabinets or on shelves.
- Keep the system's CD cover closed when not in use.

### Cleaning the lens

If the lens in the CD pickup is dirty, dropout, etc., could degrade sound.

Open the CD cover and clean the lens as shown.

- Use a blower (available from a camera store) to blow dust off the lens.



- If there are fingerprints, etc. on the lens, gently wipe clean with a cotton swab.



### Moisture Condensation

Moisture may condense on the lens inside the System in the following cases:

- After turning on heating in the room.
- In a damp room.
- If the System is brought directly from a cold to a warm place.

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.



### Cassette Tapes



- If the tape is loose, it may get stretched, cut, or caught in the cassette. Take up the slack by inserting a pencil in one of the reels and rotating.



- Do not touch the tape surface.



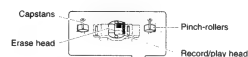
- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

### Cassette Deck

- If the heads, capstans, or pinch-rollers of the Cassette Deck become dirty, the following may occur:

- Loss of sound quality
- Discontinuous sound
- Fading
- Incomplete erasure
- Difficulty recording

- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequency notes.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

English

English

## Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the System has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	<ul style="list-style-type: none"> <li>Connections are incorrect, or loose.</li> </ul>	<ul style="list-style-type: none"> <li>Check all connections and make corrections. (See pages 4- 5.)</li> <li>Disconnect the headphones.</li> </ul>
Unable to record.	<ul style="list-style-type: none"> <li>Headphones are connected.</li> </ul>	<ul style="list-style-type: none"> <li>Cover the holes on the back edge of the cassette with tape.</li> </ul>
Poor radio reception	<ul style="list-style-type: none"> <li>Cassette record protect tabs are removed.</li> </ul>	<ul style="list-style-type: none"> <li>Reconnect the antenna securely.</li> <li>Change the position and direction of the AM Loop Antenna.</li> <li>Extend FM Wire Antenna to the best reception position.</li> </ul>
The CD skips.	<ul style="list-style-type: none"> <li>The antenna is disconnected.</li> <li>The AM Loop Antenna is too close to the System.</li> <li>The FM Wire Antenna is not properly extended and positioned.</li> </ul>	<ul style="list-style-type: none"> <li>Clean or replace the CD.</li> </ul>
The CD does not play.	<ul style="list-style-type: none"> <li>The CD is dirty or scratched.</li> <li>The CD is upside down.</li> </ul>	<ul style="list-style-type: none"> <li>Put the CD in with the label side up.</li> </ul>
Unable to operate the Remote Control.	<ul style="list-style-type: none"> <li>The path between the Remote Control and the sensor on the Unit is blocked.</li> <li>The batteries have lost their charge.</li> </ul>	<ul style="list-style-type: none"> <li>Remove the obstruction.</li> <li>Replace the batteries.</li> </ul>
Operations are disabled.	<ul style="list-style-type: none"> <li>The built-in microprocessor has malfunctioned due to external electrical interference.</li> </ul>	<ul style="list-style-type: none"> <li>Unplug the System then plug it back in.</li> </ul>
The cassette holder cannot be opened.	<ul style="list-style-type: none"> <li>During tape playing, the power cord was unplugged.</li> </ul>	<ul style="list-style-type: none"> <li>Plug in the power cord, press the POWER button, and then press the  button.</li> </ul>

## Specifications

English

### Amplifier

Output Power 16 watts per channel, min. RMS, at 4 ohms from 80 Hz to 15 kHz, with no more than 10% total harmonic distortion (for U.S.A.)  
34 W (17 W + 17 W) at 4 ohms (Max.) (for Canada)

Input Sensitivity/Impedance (1 kHz)  
LINE IN (AUX) 500 mV/65 kohms  
Output Sensitivity/Impedance (1 kHz)  
LINE OUT 500 mV/4.3 kohms  
Optical out -21 dBm - -15 dBm  
Speaker terminals 4 - 16 ohms  
Phones 16 ohms - 1 kohm  
0 - 15 mW/ch output into 32 ohms

### Cassette Deck

Frequency Response  
Type II (CrO<sub>2</sub>) 50 Hz - 15 kHz  
Wow and Flutter 0.15 % (WRMS)

### CD Player

Signal-To-Noise Ratio 90 dB  
Wow And Flutter Unmeasurable

### Tuner

FM Tuner  
Tuning Range 87.5 - 108.0 MHz  
AM Tuner  
Tuning Range 530 - 1,710 kHz

### Speaker Specifications

(each unit) Speakers 8 cm cone  
Impedance 4 ohms  
Dimensions 140 × 230 × 217 mm (W/H/D)  
(5 - 9/16" × 9 - 1/16" × 8 - 9/16")  
Mass Approx. 1.8 kg (4.0 lbs)

### General

Dimensions 438 × 232 × 310.5 mm (W/H/D)  
(17 - 1/4" × 9 - 3/16" × 12 - 1/4")  
Mass Approx. 7.2 kg (15.9 lbs)

### Accessories

Power Cord (1)  
AM Loop Antenna (1)  
Remote Control (1)  
Batteries R6P (SUM-3/AA (15F) (2)  
FM Wire Antenna (1)

### Power Specifications

Power Requirements AC 120 V ~ , 60 Hz  
Power Consumption 37 watts (power on mode)  
3 watts (in Standby mode)

*Design and specifications are subject to change without notice.*

**JVC**  
VICTOR COMPANY OF JAPAN, LIMITED

EN, SP, FR

0499MNMCREJSC

<<MEMO>>

# Disassembly Method

## <Main body>

### ■ Rear cover (Refer to Fig. 1 and 2.)

1. Remove the six screws A and one screw B fastening the rear cover from the back of the main frame.
2. Remove the two screws C fastening the rear cover from the bottom of the main frame.
3. Unlock both the speaker terminal and antenna terminal. As the lock pawls are held raised, remove the rear cover from the main frame rearwards.

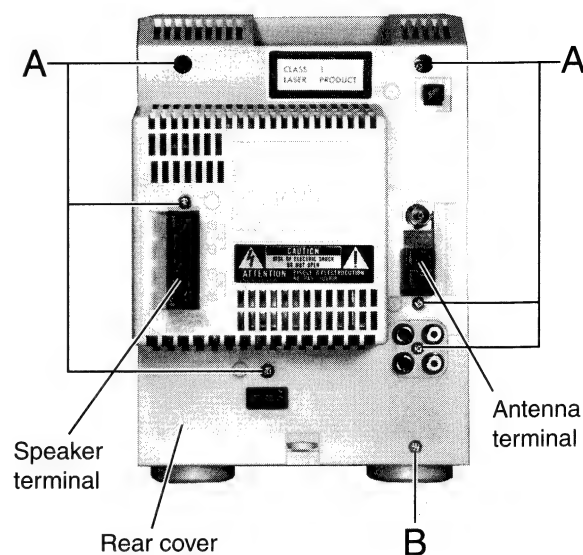


Fig. 1

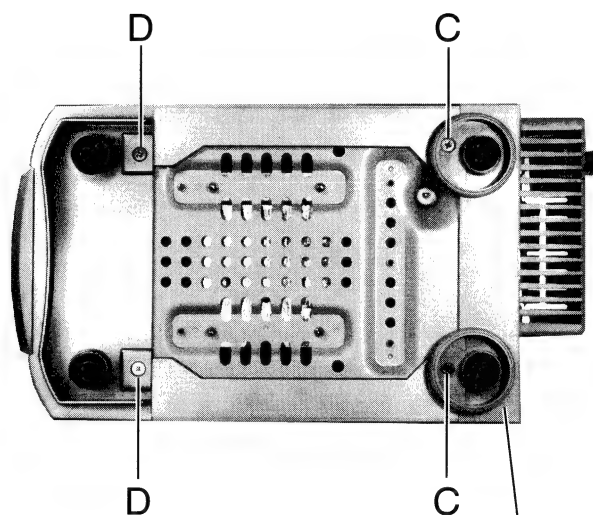


Fig. 2

### ■ Side panels (right, left)

(Refer to Fig. 2)

1. Remove the two screws D fastening the side panels (right and left) from the bottom of the main frame.
2. Slide the respective side panels (right and left) rearwards to remove them as indicated by the arrows in Fig. 3 and 4.

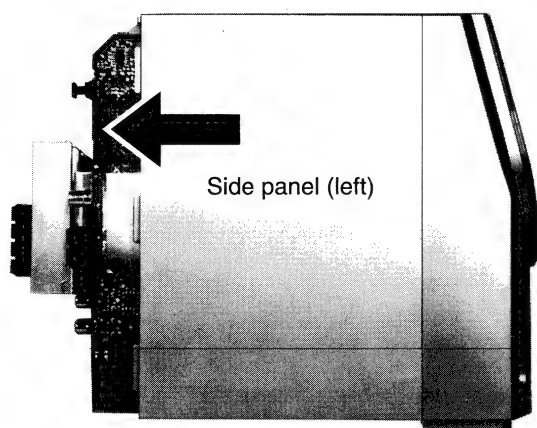


Fig. 3

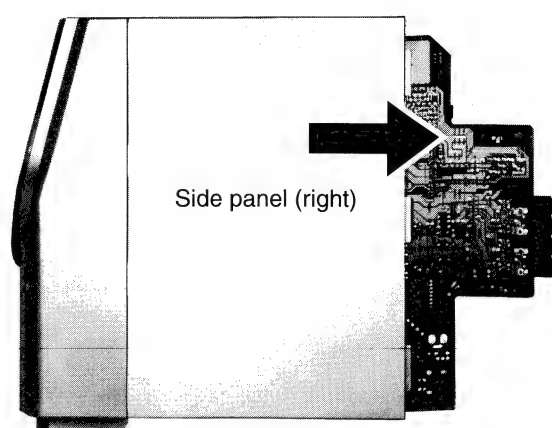


Fig. 4

## ■ Cassette mechanism assembly (Refer to Fig. 5 to 7.)

- Remove the rear cover from the main frame.
  - Remove the side panels (right and left) from the main frame.
1. Disconnect the card wire and 2-pin harness respectively from the connectors CN43, CN44 and CN508 of the TUNER & FUNCTION board located in the left side of the main frame.
  2. Remove the two screws E fastening the cassette mechanism assembly from the right and left sides of the main frame.
  3. Remove the two screws F fastening the REGULATOR board and the cassette mechanism assembly from the back of the main frame.
  4. Disjoin the two joints a on the right and left sides of the main frame so that the cassette mechanism assembly is released from fitting with the main frame. Then, move the cassette mechanism assembly upper rearwards to remove it.

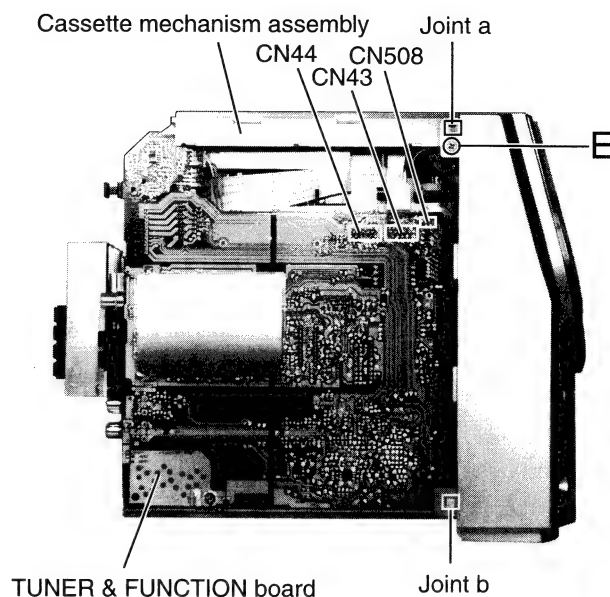


Fig. 5

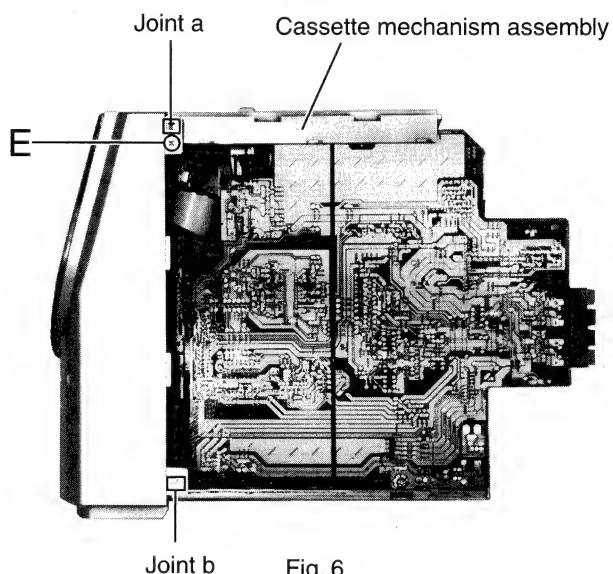


Fig. 6

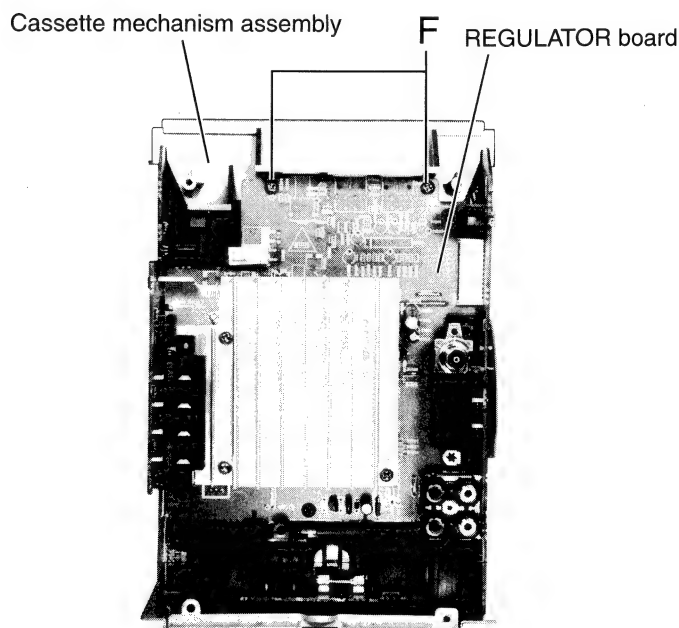


Fig. 7

## ■ TUNER & FUNCTION board, REGULATOR board, MAIN board

(Refer to Fig. 8 to 12.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

Note: The TUNER & FUNCTION board, REGULATOR board and MAIN board can be removed as the front panel assembly remains being fitted to the main frame.

### ● TUNER & FUNCTION board

1. Disconnect the 4-pin harness card wire, 3-pin harness respectively from the connectors CN501, CN502 and CN504 of the TUNER & FUNCTION board located in the left side of the main frame.
2. Remove the one screw G fastening the TUNER & FUNCTION board, and disconnect the connector CN503 from connection with the REGULATOR board as well as the connector CN506 and CN507 from connection with the front panel assembly. Then, remove the TUNER & FUNCTION board by drawing it out upwards from the chassis base.

### ● MAIN board

3. Disconnect the 5-pin harness and 2-pin harness respectively from the connectors CN304 and CN308 of the MAIN board located in the right side of the main frame.
4. Disconnect the 4-pin harness from the connector CN501 of the TUNER & FUNCTION board located in the left side of the main frame.
5. Remove the one screw H fastening the MAIN board and one screw I fastening the REGULATOR board and heat sink in the rear of the main frame.
6. Disconnect the connector CN301 from connection with the REGULATOR board and the connectors CN371 and CN372 from connection with the front panel assembly. Then, draw out the MAIN board upwards from the chassis base.

### ● REGULATOR board

7. Disconnect the connector CN197 of the REGULATOR board located in the rear of the main frame, and remove one screw I fastening the REGULATOR board together with the heat sink and one screw J fastening the REGULATOR board independently.
8. Disconnect the connector CN196 (CN503) from connection with the TUNER & FUNCTION board and the connector CN195 (CN301) from connection with the MAIN board while spreading the respective boards outside. Then, remove the REGULATOR board upwards from the main frame.

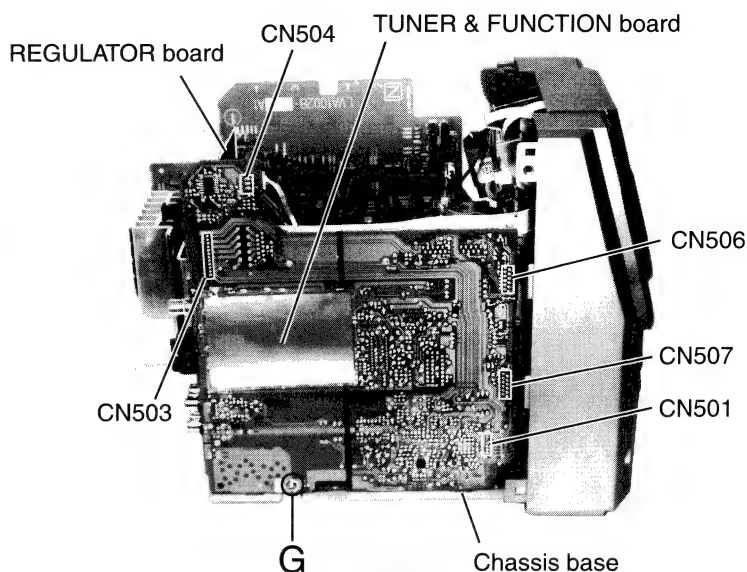


Fig. 8

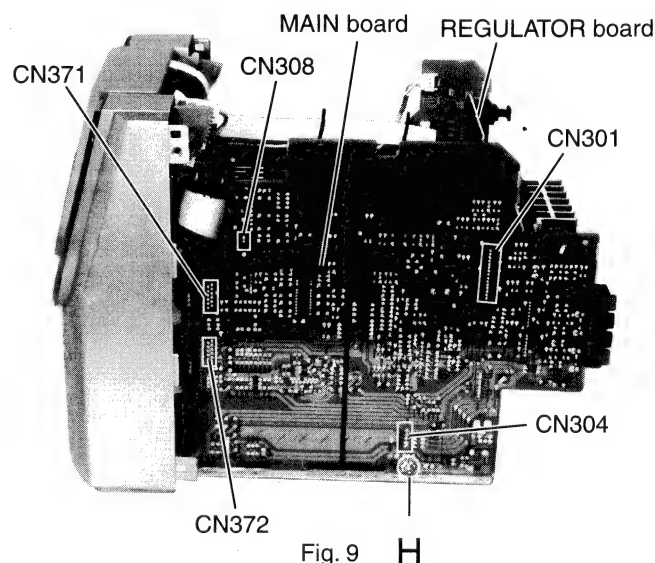


Fig. 9

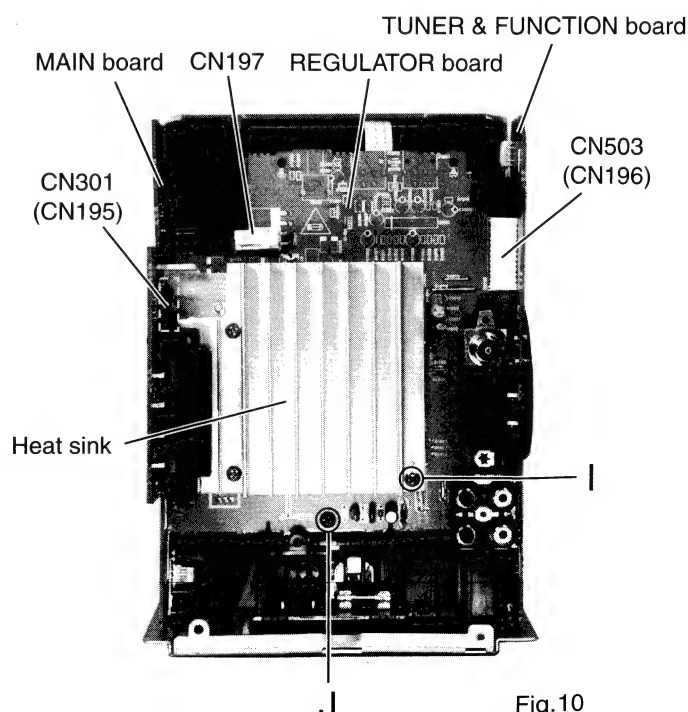


Fig.10

## ■ Front panel assembly

(Refer to Fig. 11 and 12.)

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

1. Disconnect the card wire and 3-pin harness respectively from the connectors CN502 and CN504 of the TUNER and FUNCTION board located in the left side of the main frame.
2. Disconnect the 5-pin harness from the connectors CN304 and CN308 of the MAIN board located in the right side of the main frame, and unclamp the wire clamp at the midpoint of the 5-pin harness so that the harness is released from it.
3. Disjoin the two joints b on the right and left sides of the main frame so that the front panel assembly is released from fitting with the main frame. (Refer to Fig. 5 and 6.)

Disconnect the front panel assembly from the connectors CN506 and CN507 of the TUNER & FUNCTION board and connectors CN371 and CN372 of the MAIN board, and then draw out the front panel assembly frontwards to remove it from the main frame.

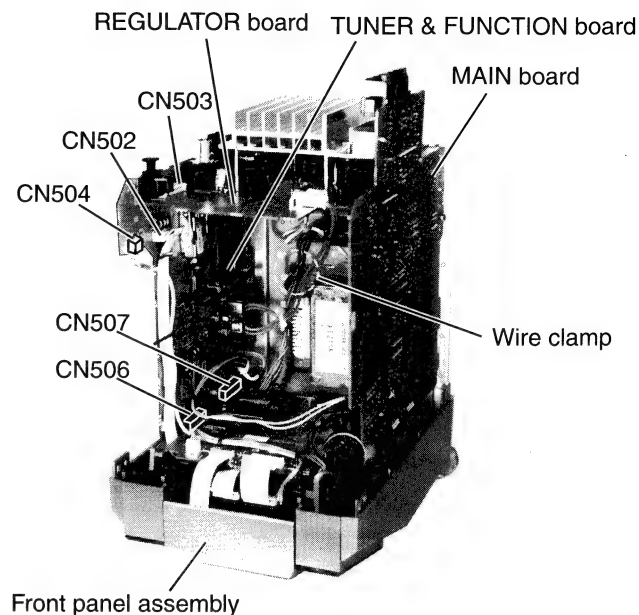


Fig.11

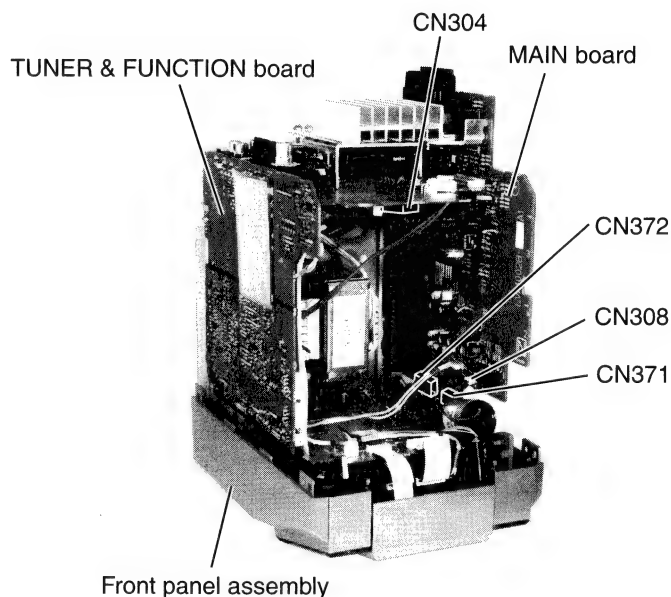


Fig.12



## ■ Power transformer assembly (Refer to Fig. 13.)

- Remove the rear cover from the main frame.
  - Remove the side panels (right and left) from the main frame.
  - Remove the cassette mechanism assembly from the main frame.
1. Disconnect the 2-pin harness from the connector CN197 of the REGULATOR board located in the rear of the main frame and the 2-pin harness from the connector CN199 of the POWER TERMINAL board.
  2. Remove the four screws K fastening the power transformer assembly to remove it.

## ■ POWER TERMINAL board (Refer to Fig. 13.)

- Remove the rear cover from the main frame.
  - Remove the side panels (right and left) from the main frame.
  - Remove the cassette mechanism assembly from the main frame.
  - Remove the REGULATOR board from the main frame.
1. Disconnect the 2-pin harness from the connector CN199 of the POWER TERMINAL board and remove one screw fastening the POWER TERMINAL board to remove the board.

## <Cassette mechanism assembly>

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.

## ■ FUNCTION board (Refer to Fig. 14.)

1. Remove the four screws M fastening the FUNCTION KEY board to remove the board.

## ■ Cassette mechanism assembly (Refer to Fig. 14 and 15.)

1. First remove the four screws N fastening the cassette mechanism assembly. Next press the EJECT button on the front panel to open the cassette door, and then remove the cassette mechanism assembly.

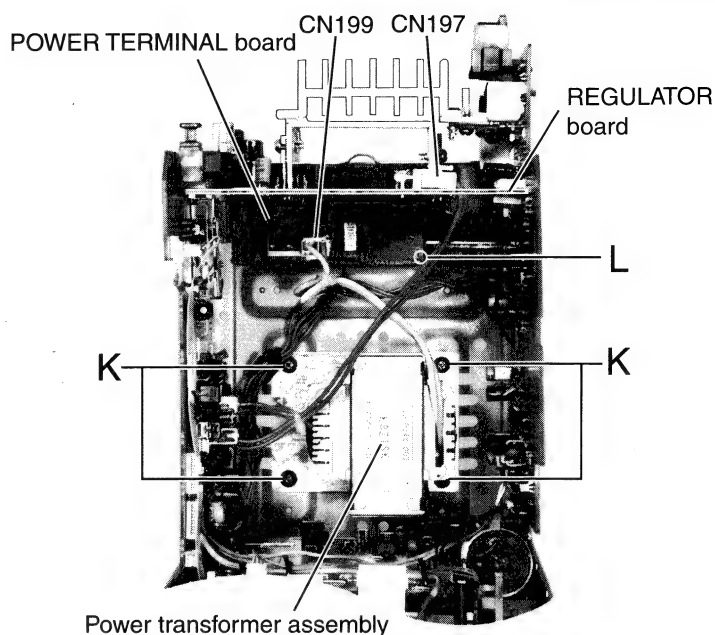


Fig.13

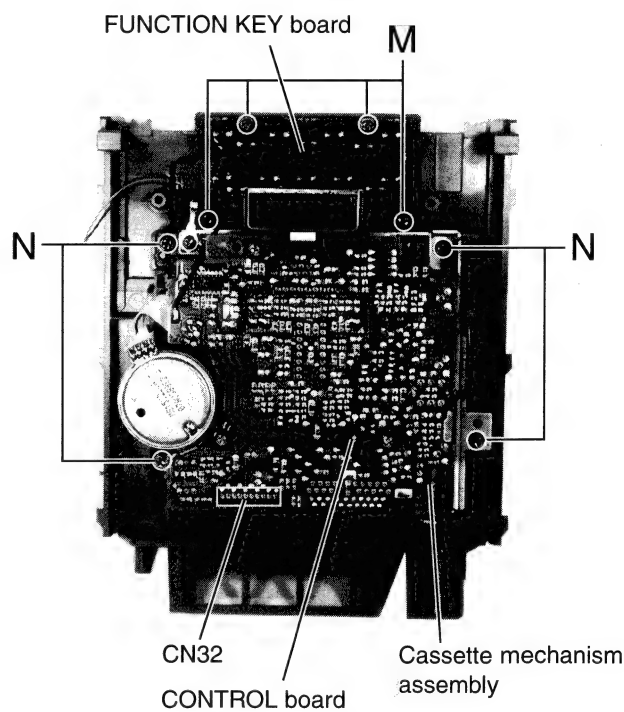


Fig.14

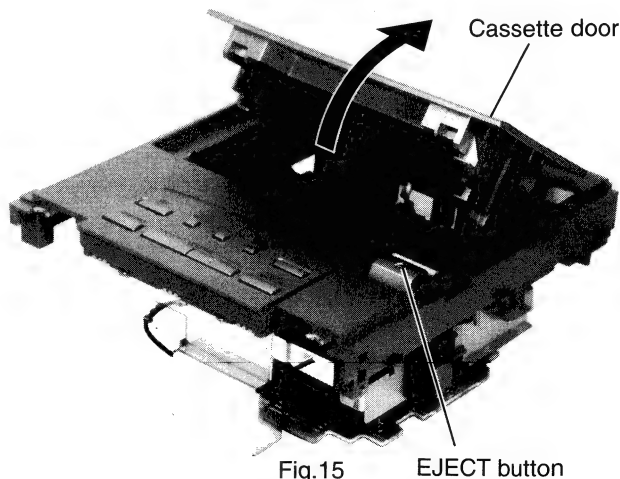


Fig.15

## <Front panel assembly>

- Remove the rear cover from the main frame.
- Remove the side panels (right and left) from the main frame.
- Remove the cassette mechanism assembly from the main frame.
- Remove the front panel assembly from the main frame.

## ■ FRONT board (Refer to Fig. 16.)

1. Disconnect the card wires from the connectors CN701, CN712 and CN711 and the 3-pin harness from the connector CN714 of the FRONT board located in the back of the front panel assembly.
2. Remove the four screws O fastening the FRONT

## ■ HEADPHONE TERMINAL board (Refer to Fig. 16.)

1. Remove the one screw Q fastening the CD DOOR SW (Switch) board from the back side of the front panel assembly.

## ■ CD DOOR SW board (Refer to Fig. 16.)

1. Remove the one screw Q fastening the CD DOOR SW (Switch) board from the back side of the front panel assembly.

## ■ OPERATION SW board (Refer to Fig. 17.)

- Remove the FRONT board from the back side of the front panel assembly.
1. Remove the five screws R fastening the OPERATION SW board.

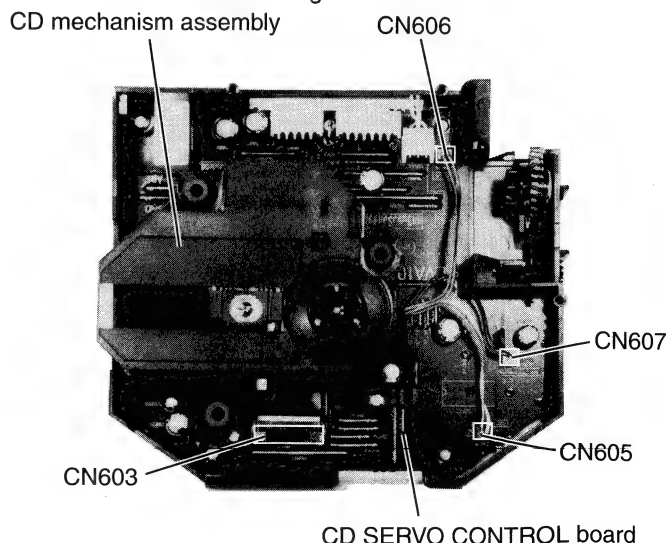
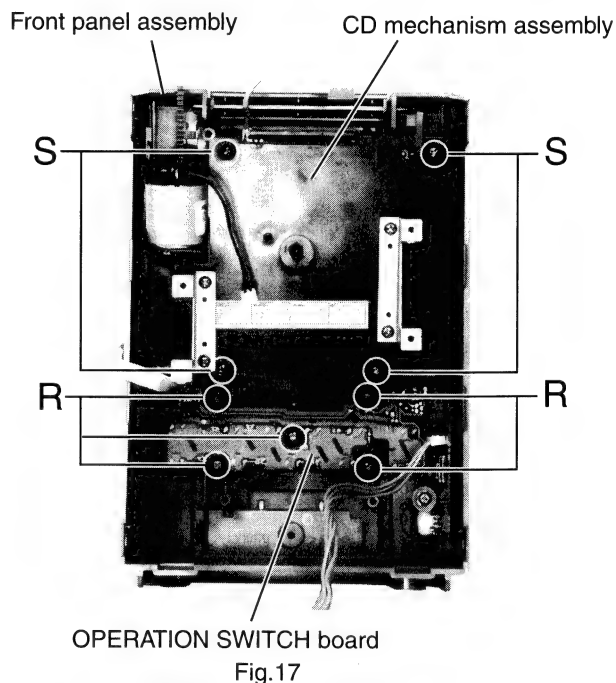
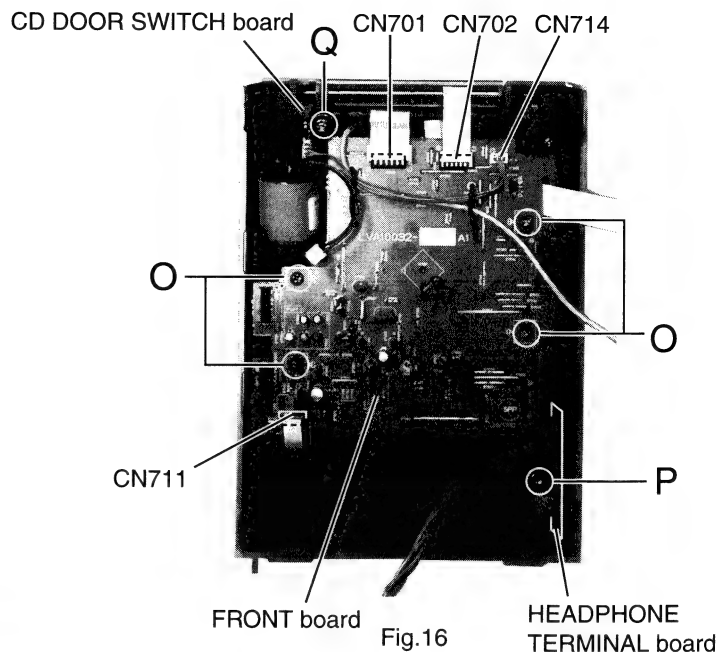
## ■ CD mechanism assembly (Refer to Fig. 17 and 18.)

- Remove the FRONT board and CD DOOR SW board from the back side of the front panel assembly.

1. Remove the four screws S fastening the CD mechanism assembly. Open the CD door in the front side of the front panel assembly and remove the CD mechanism assembly

**Note:** When the screws S are removed, the CD SERVO CONTROL board is also unfastened together with the CD mechanism assembly. Pay careful attention to the CD SERVO CONTROL assembly not to get it falling down when loosening and removing the screws S.

2. Disconnect the flexible wire from the connector CN603 of the CD SERVO CONTROL board and the 2-pin harness from the connectors CN605, CN606 and CN607 respectively. Then remove the CD mechanism assembly and the CD SERVO CONTROL board together.



## ■ Loading motor (Refer to Fig. 19.)

- Remove the FRONT board, CD DOOR SW board and CD player assembly from the front panel assembly.
- Disengage the belt from the loading motor and then remove it and two screws T from the CD player assembly.

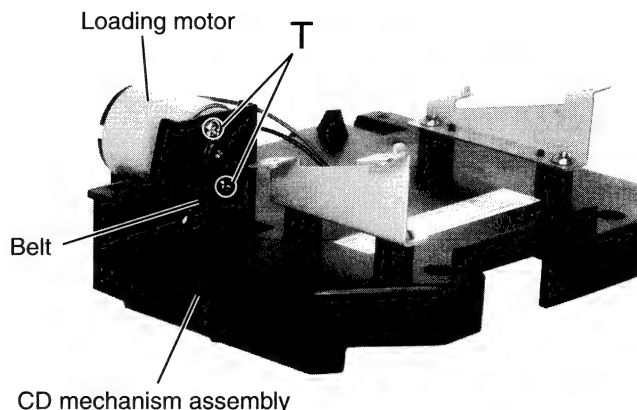


Fig.19

## ■ CD door assembly (Refer to Fig. 20.)

- Remove the two screws U fastening the CD door assembly.
- Remove the two lock keys c for unhooking the CD door assembly, and then remove the CD door assembly from the front panel while moving it in the direction of the arrow.
- Draw out the shaft and remove the CD door base.

Note: For reassembling the CD door assembly to the main frame, insert the CD door assembly into the two slits d on the front panel and fasten it with the two lock keys c.

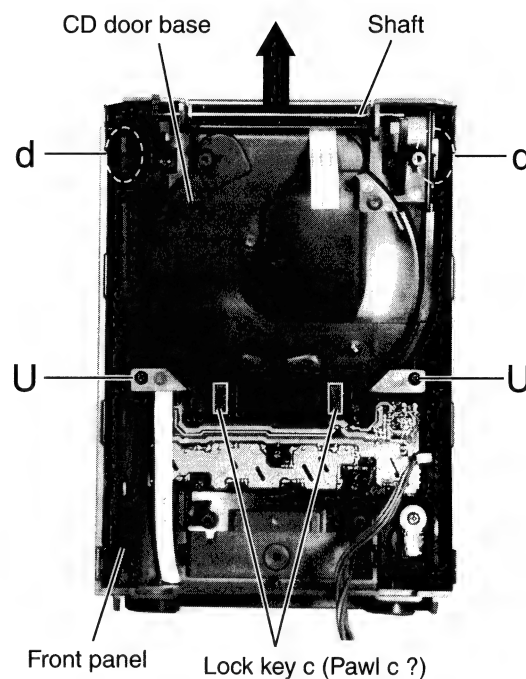


Fig.20

## ■ LCD board assembly

(Refer to Fig. 21 and 22.)

- Open the CD door and remove three screws V fastening the LCD (cover) inside the CD door. Unhook the LCD board assembly from four pawls d of the board case.

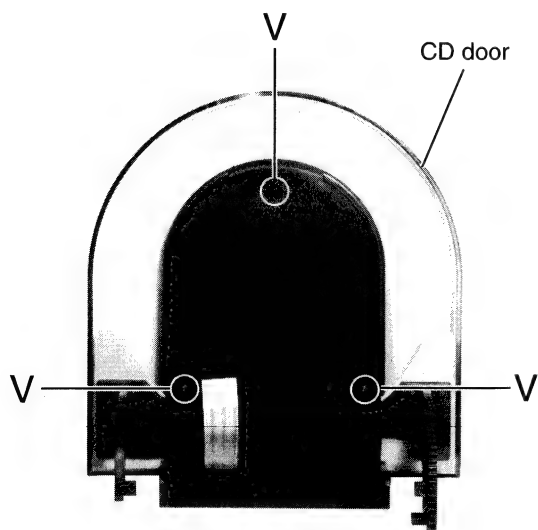


Fig.21

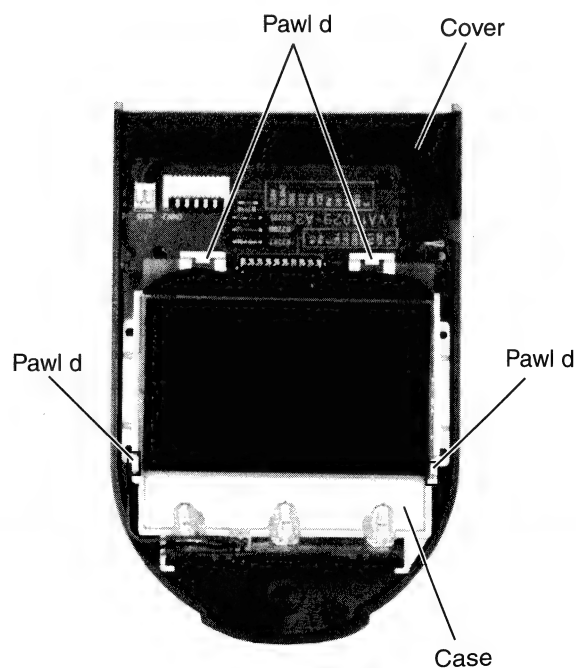


Fig.22

## <<Cassette Mechanism Section>>

### ■ Removing the Playback/Recording & Eraser Head ( See Figs. 1 and 2 )

1. While shifting the trigger arms seen on the right side of the head mount in the arrow direction, turn the flywheel R in counterclockwise direction until the head mount has gone out with a click (See Fig. 1).
2. When the flywheel R is rotated in counterclockwise direction, the Playback/Recording & Eraser head will be turned in counterclockwise direction from the position in Fig. 2 to that in Fig. 3.
3. At this position, disconnect the flexible P.C. board (outgoing from the Playback/Recording & Eraser head) from the connector CN31 on the head amplifier & mechanism control P.C. board.
4. After dismantling the FPC holder, remove the flexible P.C. board.
5. Remove the flexible P.C. board from the chassis base.
6. Remove the spring Afro behind the Playback/Recording & Eraser head.
7. Loosen the reversing azimuth screw retaining the Playback /Recording & Eraser head.
8. Take out the Playback/Recording & Eraser head from the front of the head mount.
9. The Playback/Recording & Eraser head should also be removed similarly according to Steps 1 ~ 8 above.

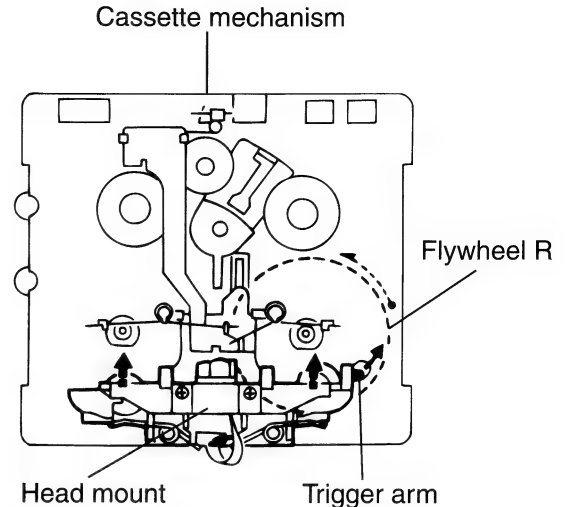


Fig. 1

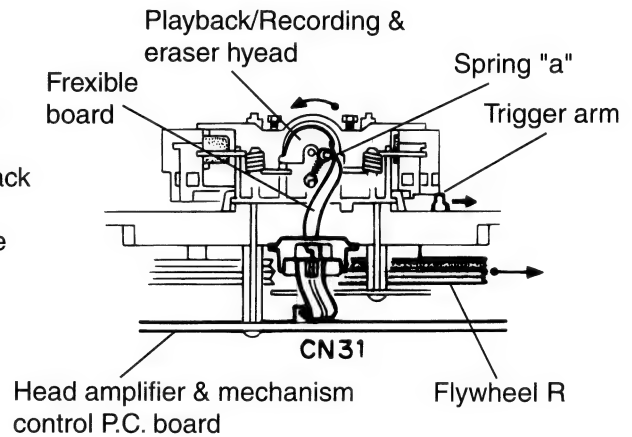


Fig. 2

### ■ Reassembling the Playback/Recording & Eraser Head

1. Reassemble the playback head from the front of the head mount to the position as shown in Fig. 3.
2. Fix the reversing azimuth screw.
3. Set the spring "a" from behind the Playback/Recording & Eraser head.
4. Attach the flexible P.C. board to the chassis base, and fix it with the FPC holder as shown in Fig. 3.
5. The Playback/Recording & Eraser head should also be reassembled similarly to Step 1 ~ 4 above.

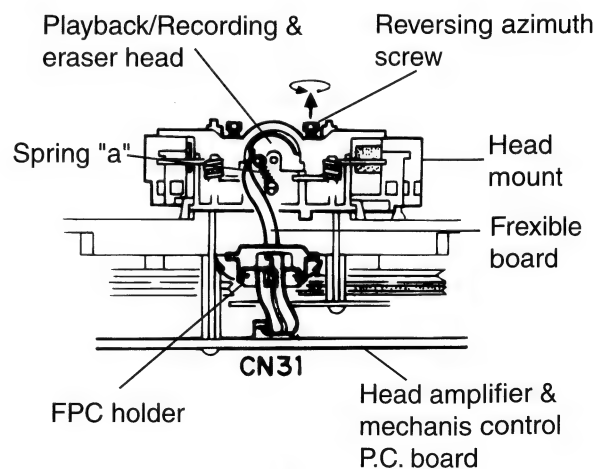


Fig. 3

# ■ Removing the Head amplifier & Mechanism control P.C. board (See Fig. 4)

1. Remove the cassette mechanism assembly.
2. After turning over the cassette mechanism assembly, remove the three screws "1" retaining the head amplifier & mechanism control P.C. board.
3. Disconnect the connector CN32 on the P.C. board including the connector CN 1 on the reel pulse P.C. board.
4. When necessary, remove the 4 pin parallel wire soldered to the main motor.

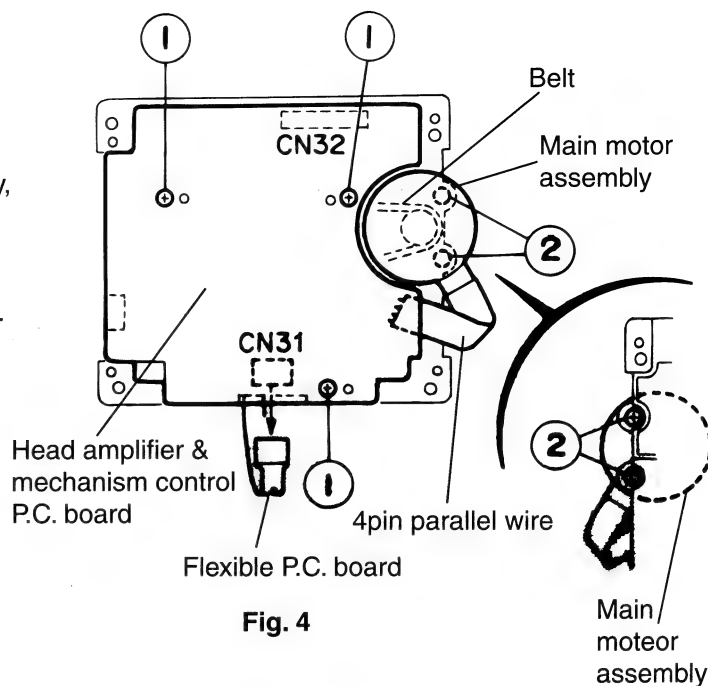


Fig. 4

# ■ Removing the Main Motor Assembly (See Fig. 4~6)

1. Remove the two screws "2" retaining the main motor assembly (See Fig. 4, 4a).
2. While raising the main motor, remove the capstan belt from the motor pulley (See Fig. 4a).

**Caution 1:** Be sure to handle the capstan belt so carefully that this belt will not be stained by grease and other foreign matter. Moreover, this belt should be hanged while referring to the capstan belt hanging method in Fig. 5, 6.

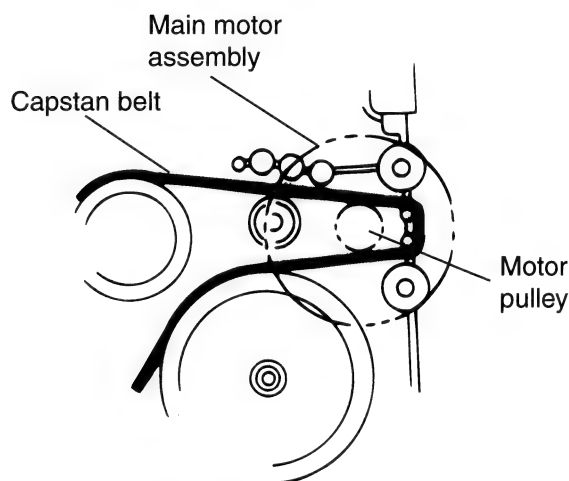


Fig. 4a

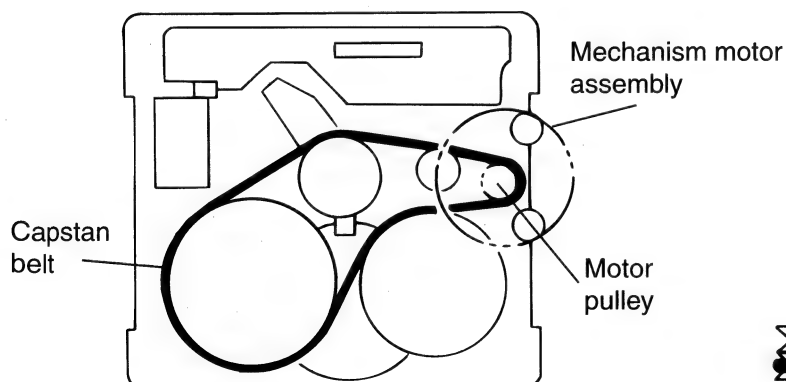


Fig. 5

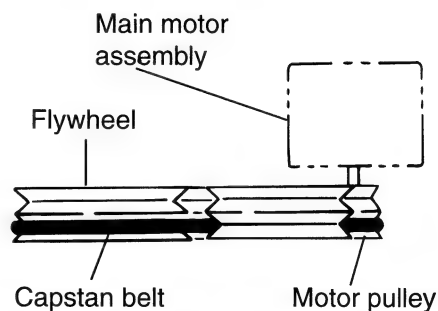


Fig. 6

## ■ Removing the Flywheel

(See Figs. 7 and 8)

1. Remove the head amplifier & mechanism control P.C. board.
2. Remove the main motor assembly.
3. After turning over the cassette mechanism, remove the slit washers "b" and "c" fixing the capstan shafts R and L, and pull out the flywheel R and L respectively from behind the cassette mechanism.

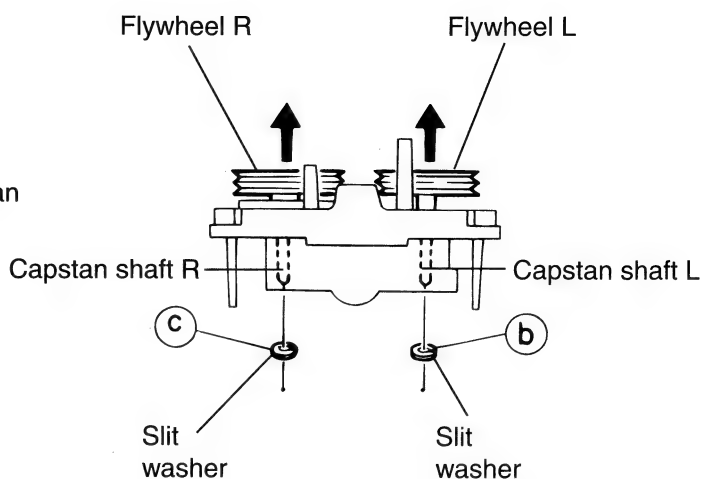
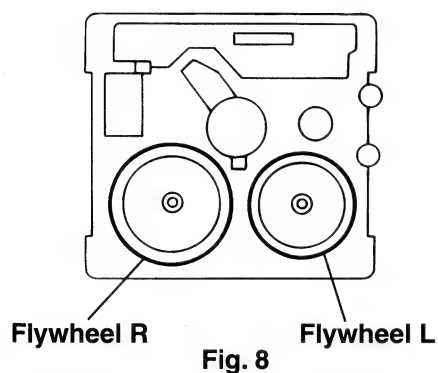


Fig.7

## ■ Removing the Reel Pulse P.C. board and Solenoid

(See Fig. 9)

1. Remove the five pails "d"~"h" retaining the reel pulse P.C. board.
2. From the surface of the reel pulse P.C. board parts, remove the two pawls "i" and "j" retaining the solenoid.

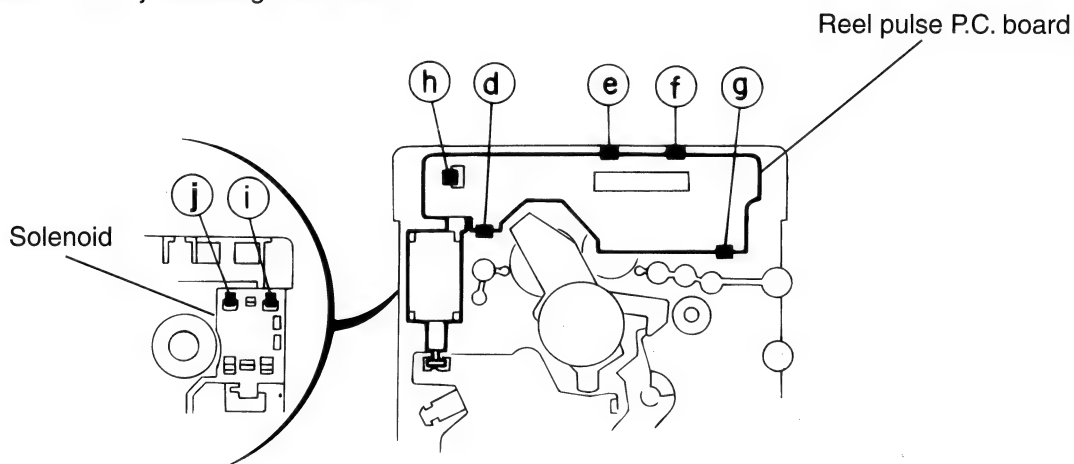


Fig. 9

# Main Adjustment

## ■ Measurement Instruments Required for Adjustment

1. Low frequency oscillator  
This oscillator should have a capacity to output 0dBs to 600  $\Omega$  at an oscillation frequency of 50Hz-20kHz.
2. Attenuator impedance : 600  $\Omega$
3. Electronic voltmeter
4. Distortion meter
5. Frequency counter
6. Wow & flutter meter
7. Test tape  
VT703L : Head azimuth  
VT712 : Tape speed and running unevenness (3kHz)  
VT724 : Reference level (1kHz)
8. Blank tape  
TYPE I : AC-225  
TYPE II : AC-514
9. Torque gauge : For play and back tension  
FWD(TW2111A), REV(TW2121a) and FF/REW(TW2231A)
10. Test disc: CTS-1000

## ■ Measurement conditions

Power supply voltage  
: AC230V (50Hz)----B/E/EE/EN  
: AC110/127V/230V(50/60Hz)  
: UB/UF/US/UX/U

Reference output : Speaker : 0.775V/4  $\Omega$   
: Headphone : 0.077V/32  $\Omega$

Reference frequency and  
input level ----- 1kHz, AUX : -8dBs  
MIX MIC: -54dBs (UB/UF/US/UX/U)  
Input for confirming recording and playback  
characteristics ----- AUX : -28dBs  
Measurement output terminal ----- at Speaker J3002  
※ Load resistance ----- 4  $\Omega$

## ● Radio Input signal

AM frequency ----- 400Hz  
AM modulation ----- 30%  
FM frequency ----- 400Hz  
FM frequency deviation ----- 22.5kHz

## ● Tuner section

B/E/EN version  
FM Band cover: 87.5~108MHz  
MW Band cover: 522~1,629kHz  
LW Band cover: 144~288kHz

EE version  
FM Band cover: 65~74MHz, 87.5~108MHz  
MW Band cover: 522~1,629kHz  
LW Band cover: 144~288kHz

UB/UF/US/UX/U version  
FM Band cover: 87.5~108MHz  
MW Band cover: 531~1,602kHz, 530~1,710kHz  
SW Band cover: SW1 2.3~6.995MHz  
: SW2 7~21.85MHz

Voltage applied to tuner ----- +B : DC5.7V  
VT : DC 12V

Reference measurement  
output ----- 26.1mV(0.28V)/3  $\Omega$   
Input positions ----- AM : Standard loop antenna  
FM : TP1 (hot) and TP2 (GND)

## ● Standard measurement position of volume

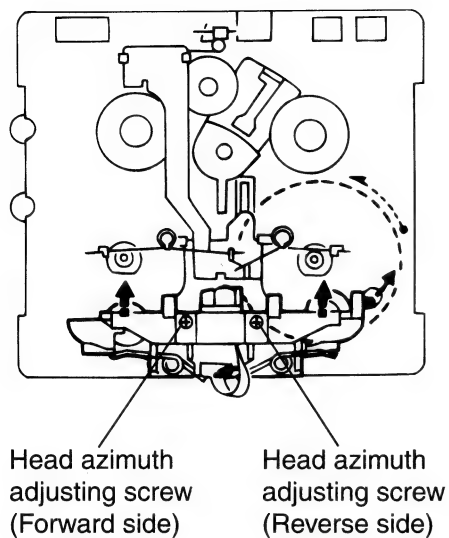
Function switch ----- to Tape  
Beat cut switch ----- to Cut  
Super Bass/Active hyper Bass ----- to OFF  
Bass Treble ----- to Center  
Adjustment of main volume to reference output  
VOL : 28

## Precautions for measurement

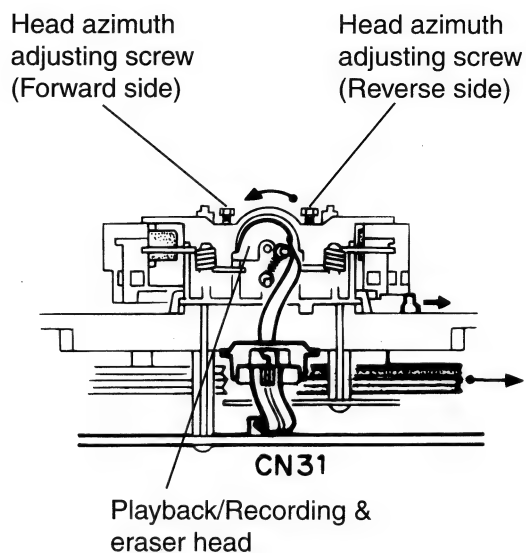
1. Apply 30pF and 33k $\Omega$  to the IF sweeper output side and 0.082  $\mu$ F and 100k $\Omega$  in series to the sweeper input side.
2. The IF sweeper output level should be made as low as possible within the adjustable range.
3. Since the IF sweeper is a fixed device, there is no need to adjust this sweeper.
4. Since a ceramic oscillator is used, there is no need to perform any MIX adjustment.
5. Since a fixed coil is used, there is no need to adjust the FM tracking.
6. The input and output earth systems are separated. In case of simultaneously measuring the voltage in both of the input and output systems with an electronic voltmeter for two channels, therefore, the earth should be connected particularly carefully.
7. In the case of BTL connection amp., the minus terminal of speaker is not for earthing. Therefore, be sure not to connect any other earth terminal to this terminal. This system is of an BTL system.
8. For connecting a dummy resistor when measuring the output, use the wire with a greater code size.
9. Whenever any mixed tape is used, use the band pass filter (DV-12).

## <<Arrangement of Adjusting Position>>

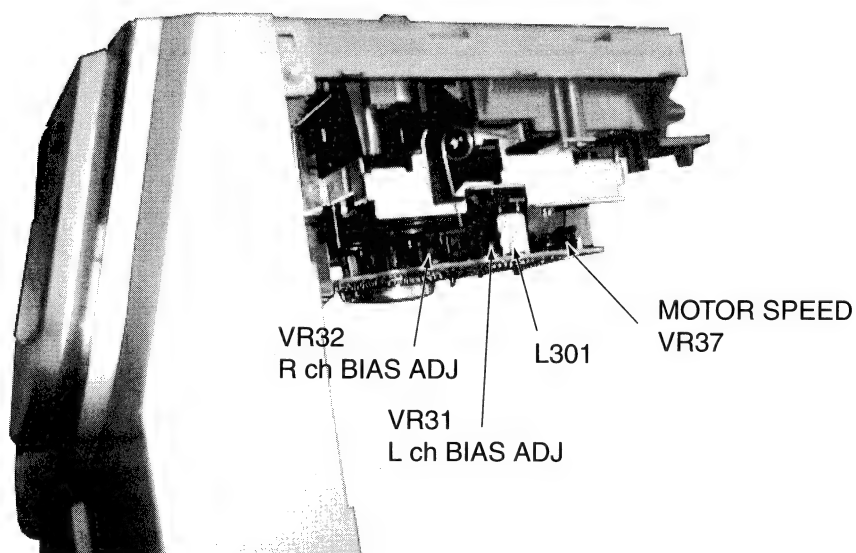
### Cassette mechanism section



### Cassette mechanism section (Back side)



### Front panel assembly section





■ Tape Recorder Section

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Confirmation of head angle	Test tape : VTT703L (8kHz) Measurement output terminal : Speaker terminal Speaker R (Load resistance: 4Ω) : Headphone terminal	1 Playback the test tape VTT703L (8kHz) 2 With the recording & playback mechanism, adjust the head azimuth screw so that the forward and reverse output levels become maximum. After adjustment, lock the head azimuth at least by half turn. 3 In either case, this adjustment should be performed in both the forward and reverse directions with the head azimuth screw.	Maximum output	Adjust the head azimuth screw only when the head has been changed.
Confirmation of tape speed	Test tape : VT712 (3kHz) Measurement output terminal : Headphone terminal	Adjust VR37 so that the frequency counter reading becomes 2,940~3,090Hz $\pm$ when playing back the test tape VT712 (3kHz) with playback and recording mechanism after ending forward winding of the tape.	Tape speed of deck : 2,940 ~ 3,090Hz	VR37

■ Reference Values for Confirmation Items

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Difference between the forward and reverse speed	Test tape : VT712 (3kHz) Measurement output terminal : Speaker terminal Speaker R (Load resistance: 4Ω) Measurement output terminal : Headphone	When the test tape VT712 (3kHz) has been played back with the recording and playback mechanism at the beginning of forward winding, the frequency counter reading of the difference between both of the mechanism should be 6.0Hz or less.	6.0Hz or less	Head azimuth screw
Wow & flutter	Test tape : VT712 (3kHz) Measurement output terminal : Headphone terminal	When the test tape VT712 (3kHz) has been played back with the recording and playback mechanism at the beginning of forward winding, the frequency counter reading of wow & flutter should be 0.25% or less (WRMS).	0.25% or less (WRMS)	

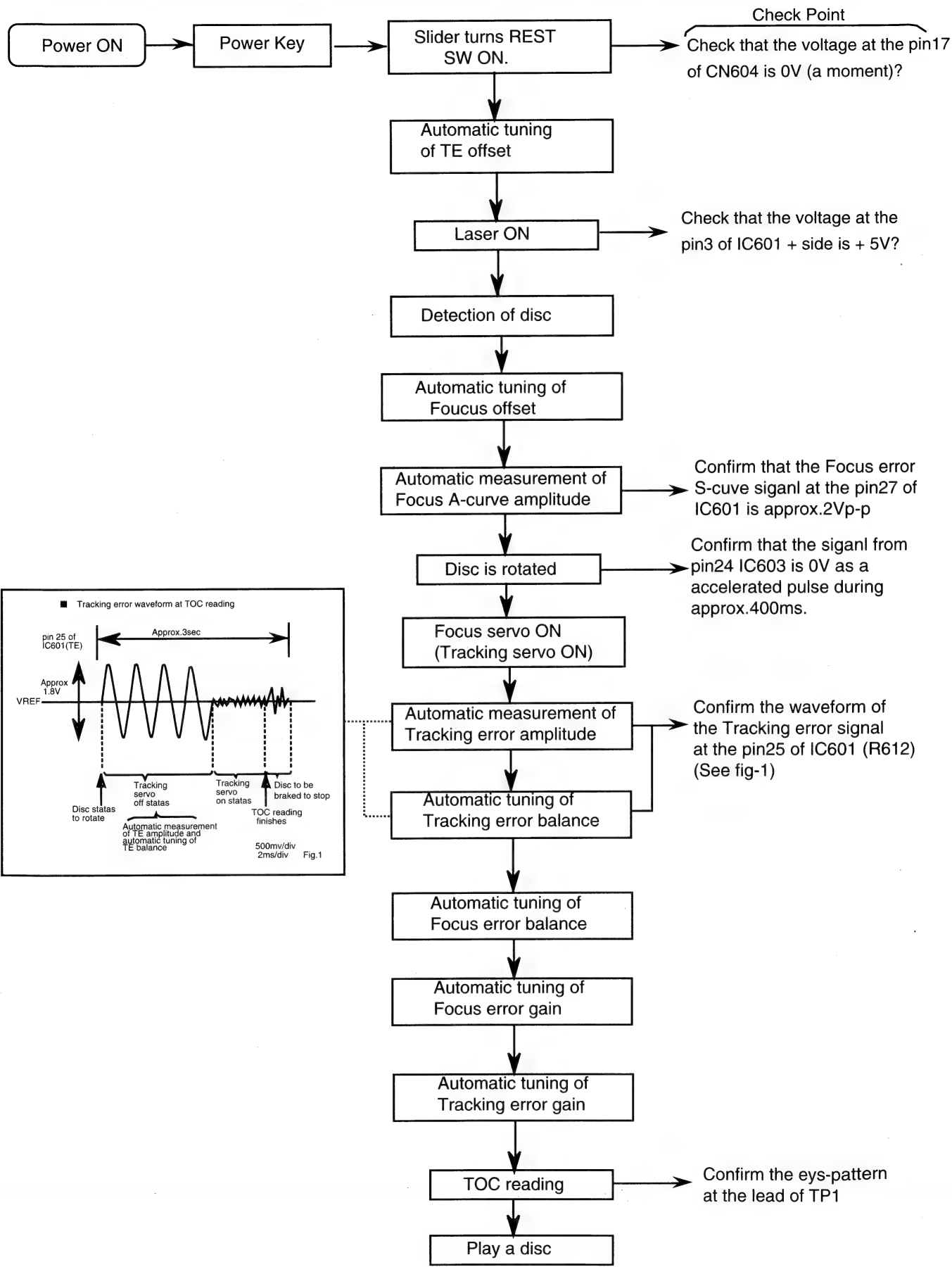
■ Electrical Performance

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Adjustment of recording bias current (Reference Value)	<ul style="list-style-type: none"> <li>Mode: Forward or reverse mode</li> <li>Recording mode</li> <li>Test tape : AC-514 to TYPE II and AC-225 to TYPE I</li> <li>Measurement output terminal : Both recording and headphone terminals</li> </ul>	<ol style="list-style-type: none"> <li>1 With the recording and playback mechanism, load the test tapes (AC-514 to TYPE II and AC-225 to TYPE I), and set the mechanism to the recording and pausing condition in advance.</li> <li>2 After connecting 100 <math>\Omega</math> in series to the recorder head, measure the bias current with a valve voltmeter at both of the terminals.</li> <li>3 After resetting the [PAUSE] mode, start recording. At this time, adjust VR31 for Lch and VR32 for Rch so that the recording bias current values become 4.0 <math>\mu</math> A (TYPE I) and 4.20 <math>\mu</math> A (TYPE II).</li> </ol>	AC-225 : 4.20 $\mu$ A AC-514 : 4.0 $\mu$ A	L ch : VR31 R ch : VR32
Adjustment of recording and playback frequency characteristics	Reference frequency : 1kHz and 10kHz (REF.: -20dB) Test tape : AC-514 to TYPE II Measurement input terminal : OSC IN	<ol style="list-style-type: none"> <li>1 With the recording and playback mechanism, load the test tapes (AC-514 to TYPE II), and set the mechanism to the recording and pausing condition in advance.</li> <li>2 While repetitively inputting the reference frequency signal of 1kHz and 10kHz from OSC IN, record and playback the tape.</li> <li>3 While recording and playback the test tape in TYPE II, adjust VR31 for Lch and VR32 for Rch so that the output deviation between 1kHz and 10kHz becomes -1dB<math>\pm</math>2dB.</li> </ol>	Output deviation between 1kHz and 10kHz : -1dB $\pm$ 2dB	L ch : VR31 R ch : VR32

■ Reference Values for Electrical Function Confirmation Items

Items	Measurement conditions	Measurement method	Standard Values	Adjusting positions
Recording bias frequency	Forward or reverse <ul style="list-style-type: none"> <li>Test tape : TYPE II (AC-514)</li> <li>Measurement terminal : BIAS TP on P.C. board</li> </ul>	<ol style="list-style-type: none"> <li>1 While changing over to and from BIAS 1 and 2, confirm that the frequency is changed.</li> <li>2 With the recording and playback mechanism, load the test tape. (AC-514 to TYPE II), and set the mechanism to the recording and pausing condition in advance.</li> <li>3 Confirm that the BIAS TP frequency on the P.C. board is 100kHz <math>\pm</math> 6kHz.</li> </ol>	100 kHz $\pm$ 6 kHz	
Eraser current (Reference value)	Forward or reverse <ul style="list-style-type: none"> <li>Recording mode</li> <li>Test tape : AC-514 to TYPE II and AC-225 to TYPE I</li> <li>Measurement terminal : Both of the eraser head terminals</li> </ul>	<ol style="list-style-type: none"> <li>1 While recording and playback mechanism, load the test tapes (AC-514 to TYPE II and AC-225 to TYPE I), and set the mechanism to the recording and pausing conditions in advance.</li> <li>2 After setting to the recording conditions, connect 1W in series to the eraser head on the recording and playback mechanism side, and measure the eraser current from both of the eraser terminals.</li> </ol>	TYPE II : 120 mA TYPE I : 75 mA	

# Flow of Functional Operation Until TOC Read



## Maintenance of Laser Pickup

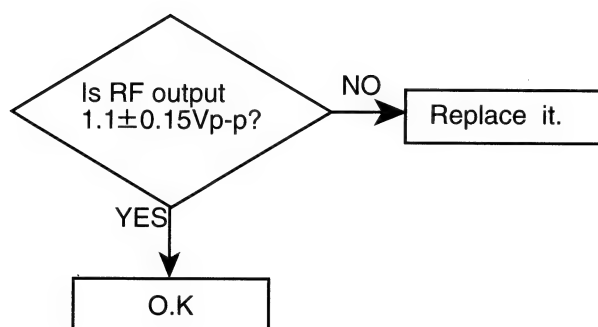
### (1) Cleaning the pick up lens

Before you replace the pick up, please try to clean the lens with a alcohol soaked cotton swab.

### (2) Life of the laser diode (Fig.1)

When the life of the laser diode has expired, the following symptoms will appear.

- (1) The level of RF output (EFM output: amplitude of eye pattern) will below.



(Fig.1)

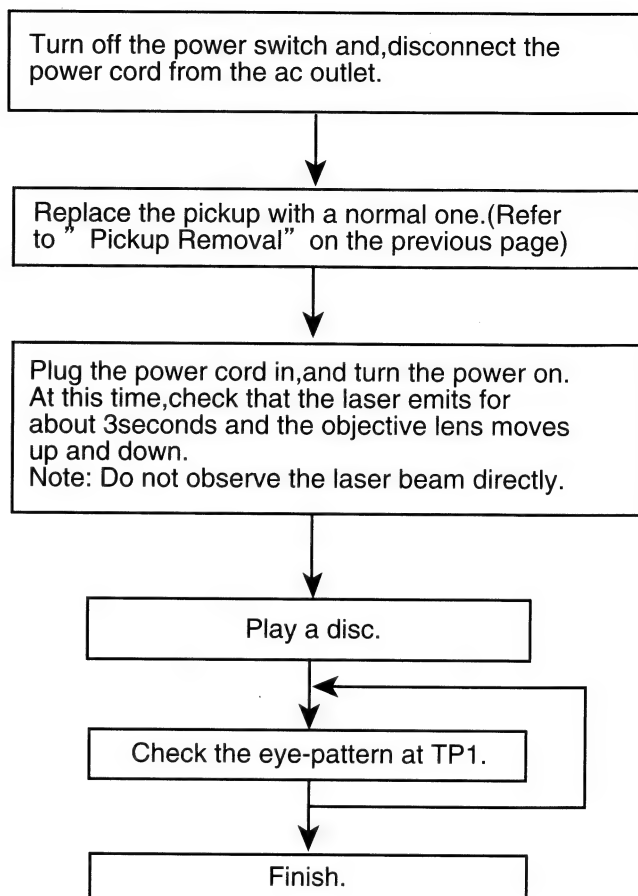
### (3) Semi-fixed resistor on the APC PC board

The semi-fixed resistor on the APC printed circuit board which is attached to the pickup is used to adjust the laser power. Since this adjustment should be performed to match the characteristics of the whole optical block, do not touch the semi-fixed resistor.

If the laser power is lower than the specified value, the laser diode is almost worn out, and the laser pickup should be replaced.

If the semi-fixed resistor is adjusted while the pickup is functioning normally, the laser pickup may be damaged due to excessive current.

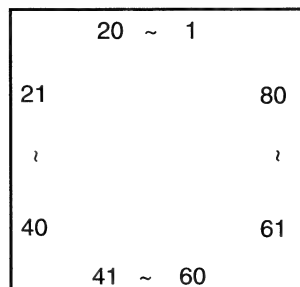
## Replacement of Laser Pickup



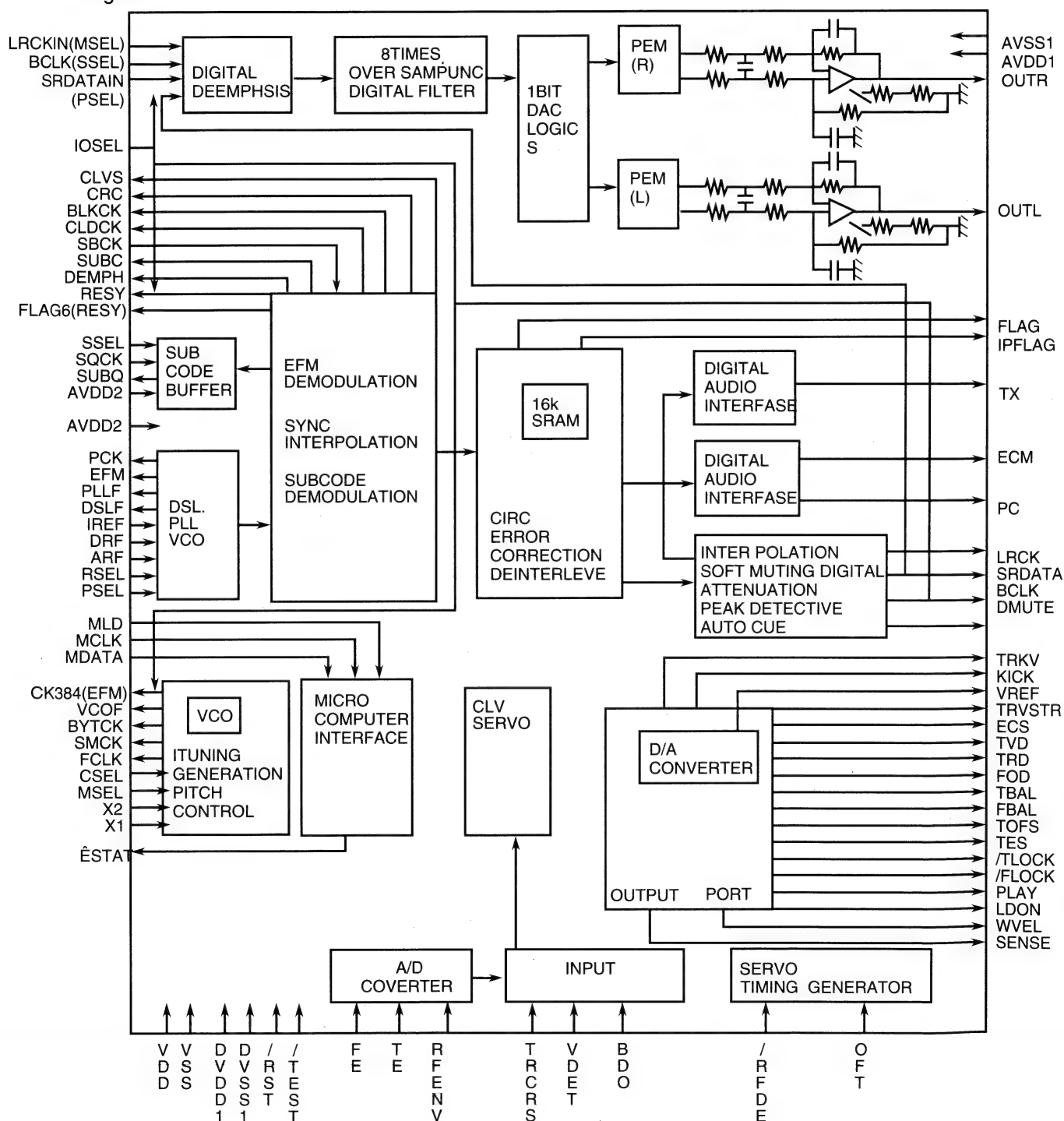
## Description of major ICs

### ■ MN35510 (IC603) : DIGITAL SERVO&DIGITAL SIGNAL PROCESSOR

#### 1. Terminal Layout



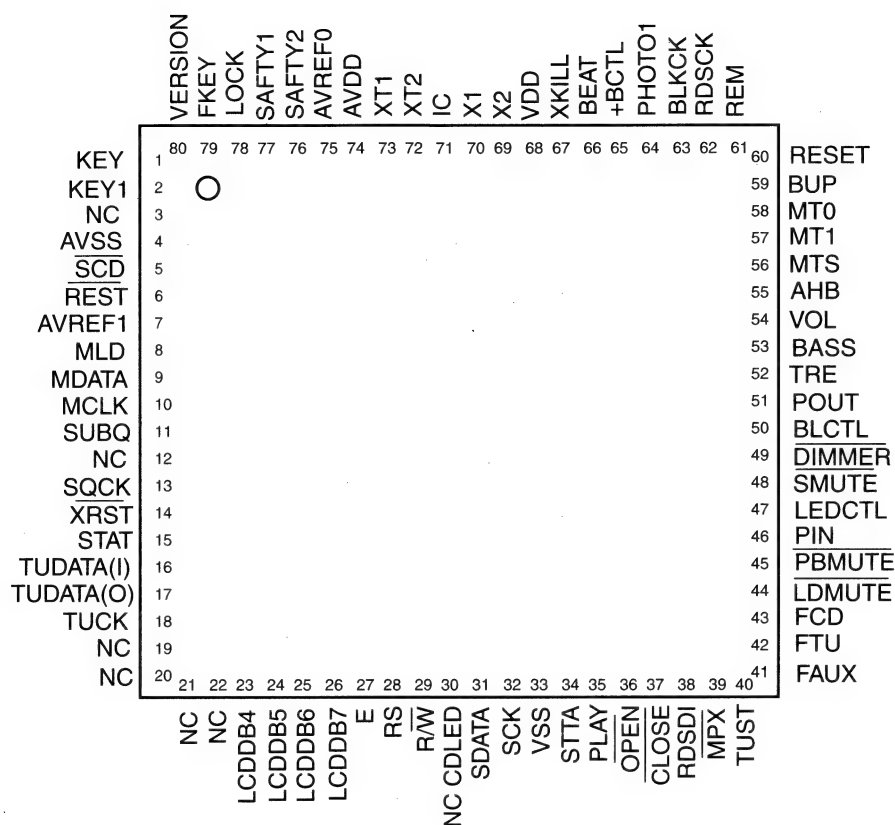
#### 2. Block Diagram



### 3. Description

Pin No.	symbol	I/O	Description	Pin No.	symbol	I/O	Description
1	BCLK	O	Not used	41	TES	O	Tracking error shunt signal output(H:shunt)
2	LRCK	O	Not used	42	PLAY	—	Not used
3	SRDATA	O	Not used	43	WVEL	—	Not used
4	DVDD1	—	Power supply (Digital)	44	ARF	I	RF signal input
5	DVSS1	—	Connected to GND	45	IREF	I	Reference current input pin
6	TX	O	Digital audio interface output	46	DRF	I	Bias pin for DSL
7	MCLK	I	$\mu$ com command clock signal input (Data is latched at signal's rising point)	47	DSLIF	I/O	Loop filter pin for DSL
8	MDATA	I	$\mu$ com command data input	48	PLLIF	I/O	Loop filter pin for PLL
9	MLD	I	$\mu$ com command load signal input	49	VCOF	—	Not used
10	SENSE	O	Sence signal output	50	AVDD2	—	Power supply(Analog)
11	FLOCK	O	Focus lock signal output Active :Low	51	AVSS2	—	Connected to GND(Analog)
12	TLOCK	O	Tracking lock signal output Active :Low	52	EFM	—	Not used
13	BLKCK	O	sub-code/block/clock signal output	53	PCK	—	Not used
14	SQCK	I	Outside clock for sub-code Q resister input	54	PDO	—	Not used
15	SUBQ	O	Sub-code Q -code output	55	SUBC	—	Not used
16	DMUTE	—	Connected to GND	56	SBCK	—	Not used
17	STATUS	O	Status signal (CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	57	VSS	—	Connected to GND(for X'tal oscillation circuit)
18	RST	I	Reset signal input (L:Reset)	58	XI	I	Input of 16.9344MHz X'tal oscillation circuit
19	SMCK	—	Not used	59	X2	O	Output of X'tal oscillation circuit
20	PMCK	—	Not used	60	VDD	—	Power supply(for X'tal cscillation circuit)
21	TRV	O	Traverse enforced output	61	BYTCK	—	Not used
22	TVD	O	Traverse drive output	62	CLDCK	—	Not used
23	PC	—	Not used	63	FLAG	—	Not used
24	ECM	O	Spindle motor drive signal (Enforced mode output) 3-State	64	IPPLAG	—	Not used
25	ECS	O	Spindle motor drive signal (Servo error signal output)	65	FLAG	—	Not used
26	KICK	O	Kick pulse output	66	CLVS	—	Not used
27	TRD	O	Tracking drive output	67	CRC	—	Not used
28	FOD	O	Focus drive output	68	DEMPH	—	Not used
29	VREF	I	Reference voltage input pin for D/A output block (TVD,FOD,FBA,TBAL)	69	RESY	—	Not used
30	FBAL	O	Focus Balance adjust signal output	70	IOSEL	—	pull up
31	TBAL	O	Tracking Balance adjust signal output	71	TEST	—	pull up
32	FE	I	Focus error signal input(Analog input)	72	AVDD1	—	Power supply(Digital)
33	TE	I	Tracking error signal input(Analog input)	73	OUT L	O	Lch audio output
34	RF ENV	I	RF envelope signal input(Analog input)	74	AVSS1	—	Connected to GND
35	VDET	I	Vibration detect signal input(H:detect)	75	OUT R	O	Rch audio output
36	OFT	I	Off track signal input(H:off track)	76	RSEL	—	pull up
37	TRCRS	I	Track cross signal input	77	CSEL	—	Connected to GND
38	RFDET	I	RF detect signal input(L:detect)	78	PSEL	—	Connected to GND
39	BDO	I	BDO input pin(L:detect)	79	MSEL	—	Connected to GND
40	LDON	O	Laser ON signal output(H:on)	80	SSEL	—	Pull up

■ UPD78056GC-A29(IC701)System controller



UX-V3/UX-V5  
UX-V5R/FS-V5

2. Description

Pin No.	symbol	I/O	Description	Pin No.	symbol	I/O	Description
1	KEY	I	Operation key input	41	FAUX	I/O	Tracking error shunt signal output(H:shunt)
2	KEY1	I	Operation key input	42	FTU	I/O	Not used
3	NC	I	Digital GND	43	FCD	I/O	Not used
4	AVSS	I	Digital GND	44	$\overline{\text{LDMUTE}}$	I/O	RF signal input
5	$\overline{\text{SCD}}$	I/O		45	$\overline{\text{PBMUTE}}$	I/O	Reference current input pin
6	$\overline{\text{REST}}$	I	Rest switch input	46	PIN	I/O	Bias pin for DSL
7	AVREF1	I	Power supply input +5v	47	LEDCTL	I/O	Loop filter pin for DSL
8	MLD	O	$\mu$ com command data output				
9	MDATA	O	$\mu$ com command data output	48	$\overline{\text{SMUTE}}$	I/O	Loop filter pin for PLL
10	MCLK	O	$\mu$ com command clock signal output (Data is latched at signal's rising point )	49	DIMMER	I/O	Not used
				50	BLCTL	I/O	Power supply(Analog)
11	SUBQ	I	Sub-code Q -code input	51	POUT	I/O	Connected to GND(Analog)
12	NC	—	Not used	52	TRE	I/O	Not used
13	SQCK	O	Outside clock for sub-code Q resister output	53	BASS	I/O	Not used
14	$\overline{\text{XRST}}$	O	Reset signal output (L:Reset)	54	VOL	I/O	Not used
15	STAT	I	Status signal (CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	55	AHB	I/O	Not used
				56	MTS	I/O	Not used
16	TUDATA(1)	I	$\mu$ com command data input for tunner	57	MT1	I/O	Connected to GND(for X'tal oscillation circuit)
17	TUDATA(O)	O	$\mu$ com command data output for tunner				
18	TUCK	O	$\mu$ com command clock signal output for tunner	58	MT0	I/O	Input of 16.9344MHz X'tal oscillation circuit
19	NC	—	Not used	59	BUP	I/O	Output of X'tal oscillation circuit
20	NC	—	Not used	60	RESET	I	Power supply(for X'tal cscillation circuit)
21	NC	—	Not used	61	REM	I	Not used
22	NC	—	Not used	62	RDSCK	I/O	Not used
23	LCDDDB4	O	LCD driver output signal	63	BLKCK	I/O	Not used
24	LCDDDB5	O	LCD driver output signal	64	PHOTO1	I/O	Not used
25	LCDDDB6	O	LCD driver output signal				
26	LCDDDB7	O	LCD driver output signal	65	+BCTL	I/O	Not used
27	E	O					
28	RS	O		66	BEAT	I/O	Not used
29	R/W	O		67	XKILL	I/O	Not used
30	NC CDLED	I	$\mu$ com command data input for cassette	68	VDD	I	Not used
31	SDATA	O	$\mu$ com command data output for cassette	69	X2	I	Not used
32	SCK	O	$\mu$ com command clock signal output for cassette				
33	VSS	I	Digital GND	70	X1	I	pull up
34	STTA	O	$\mu$ com command data output for cassette	71	IC	I	pull up
35	PLAY	I/O	Focus error signal input(Analog input)	72	XT2	I	Power supply(Digital)
36	$\overline{\text{OPEN}}$	I/O	Tracking error signal input(Analog input)	73	XT1	I	Lch audio output
		I/O	RF envelope signal input(Analog input)	74	AVDD	I	Connected to GND
		I/O	Vibration detect signal input(H:detect)	75	AVREF0	I	Rch audio output
		I/O	Off track signal input(H:off track)	76	SAFTY2	I/O	pull up
37	$\overline{\text{CLOSE}}$	I/O	Track cross signal input	77	SAFTY1	I/O	Connected to GND
38	RDSDI	I/O	RF detect signal input(L:detect)	78	LOCK	I/O	Connected to GND
39	$\overline{\text{MPX}}$	I/O	BDO input pin(L:detect)	79	FKEY	I/O	Connected to GND
40	TUST	I/O	Laser ON signal output(H:on)	80	VERSION	I/O	Pull up

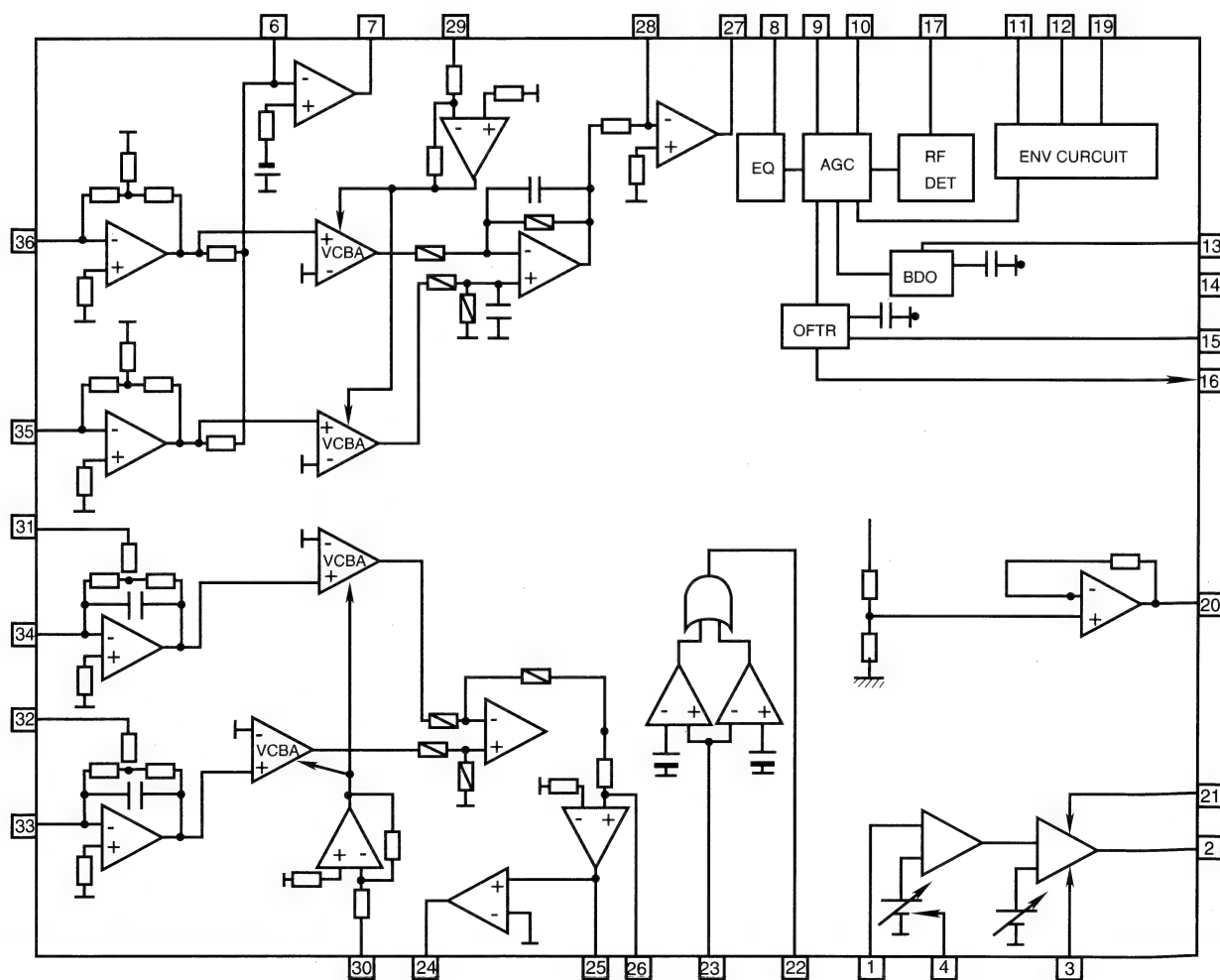


## ■ AN8806SB (IC601) : RF&Servo AMP

### 1. Terminal Layout

PD	1	36	PDAC
LD	2	35	PDBD
LDON	3	34	PDF
LDP	4	33	PDE
VCC	5	32	PDER
RF-	6	31	PDFR
RF OUT	7	30	TBAL
RF IN	8	29	FBAL
C.AGC	9	28	EF-
ARF	10	27	EF OUT
C.ENV	11	26	TE-
C.EA	12	25	TE OUT
CS BDO	13	24	CROSS
BDO	14	23	TE BPF
CS BRT	15	22	VDET
OFTR	16	21	LD OFF
/NRFDDET	17	20	VREF
GND	18	19	ENV

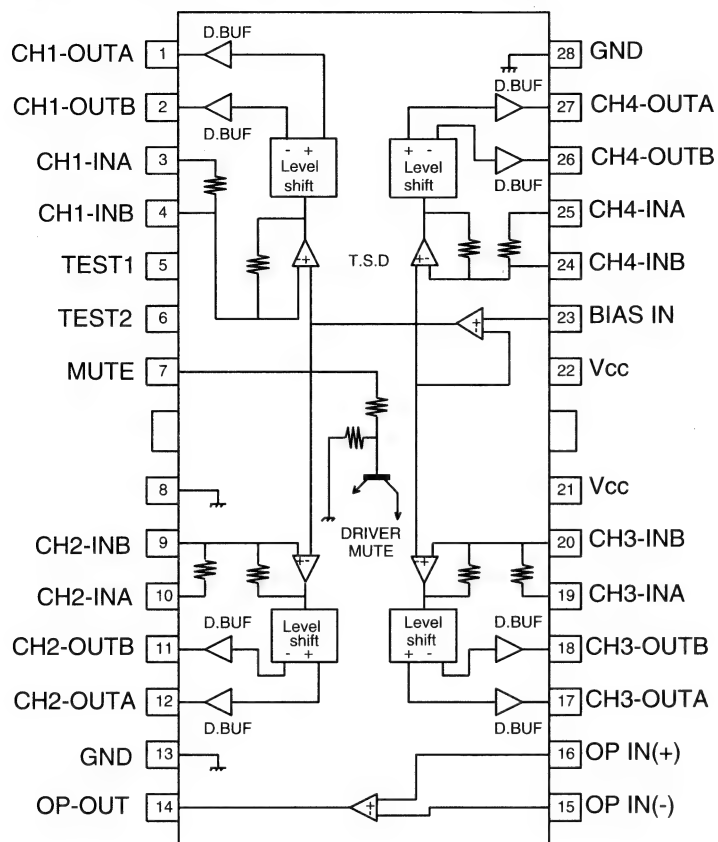
### 2. Block Diagram



### 3. Functions

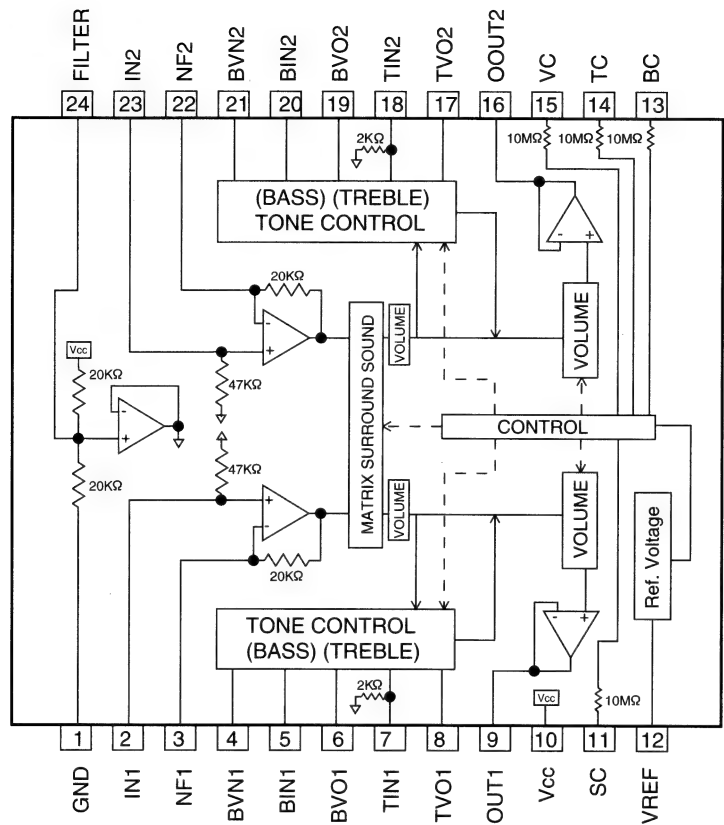
Pin No.	Symbol	I/O	Functions and operations
1	PD	I	APC amp input terminal
2	LD	O	APC amp output terminal
3	LD ON	I	APC ON/OFF control terminal
4	LDP	--	Connect to ground
5	VCC	--	Power supply
6	RF-	I	Inverse input pin for RF amp
7	RF OUT	O	RFamp output
8	RF IN	I	RF input
9	C.AGC	I/O	Connecting pin of AGC loop filter
10	ARF	O	RF output
11	C.ENV	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
12	C.EA	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
13	CS BDO	I/O	A capacitor is connected to detect the lower envelope of RF signal
14	BDO	O	BDO output pin
15	CS BRT	I/O	A capacitor is connected to detect the lower envelope of RF signal
16	OFTR	O	Of-track status signal output
17	/NRFDET	O	RF detection signal output
18	GND	--	Ground
19	ENV	O	Envelope output
20	VREF	O	Reference voltage output
21	LD OFF	--	Connect to ground
22	VDET	O	Vibration detection signal output
23	TE BPF	I	Input pin of tracking error through BPF
24	CROSS	O	Tracking error cross output
25	TE OUT	O	Tracking error signal output
26	TE-	I	Inverse input pin for tracking error amp
27	FE OUT	O	Output pin of focus error
28	FE-	I	Inverse input pin for focus error amp
29	FBAL	I	Focus balance control
30	TBAL	I	Tracking balance control
31	PDFR	I/O	F I-V amp gain control
32	PDER	I/O	E I-V amp gain control
33	PDF	I	I-V amp input
34	PDE	I	I-V amp input
35	PD BD	I	I-V amp input
36	PD AC	I	I-V amp input

■ BA6897FPW(IC602):4channel driver



■ BH3852S (IC305) : E.VOLUME

1. Block Diagrams

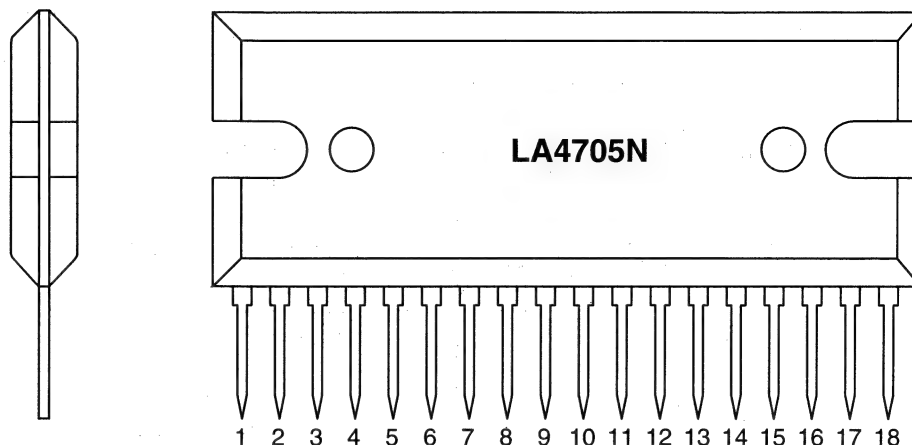


2. Pin Function

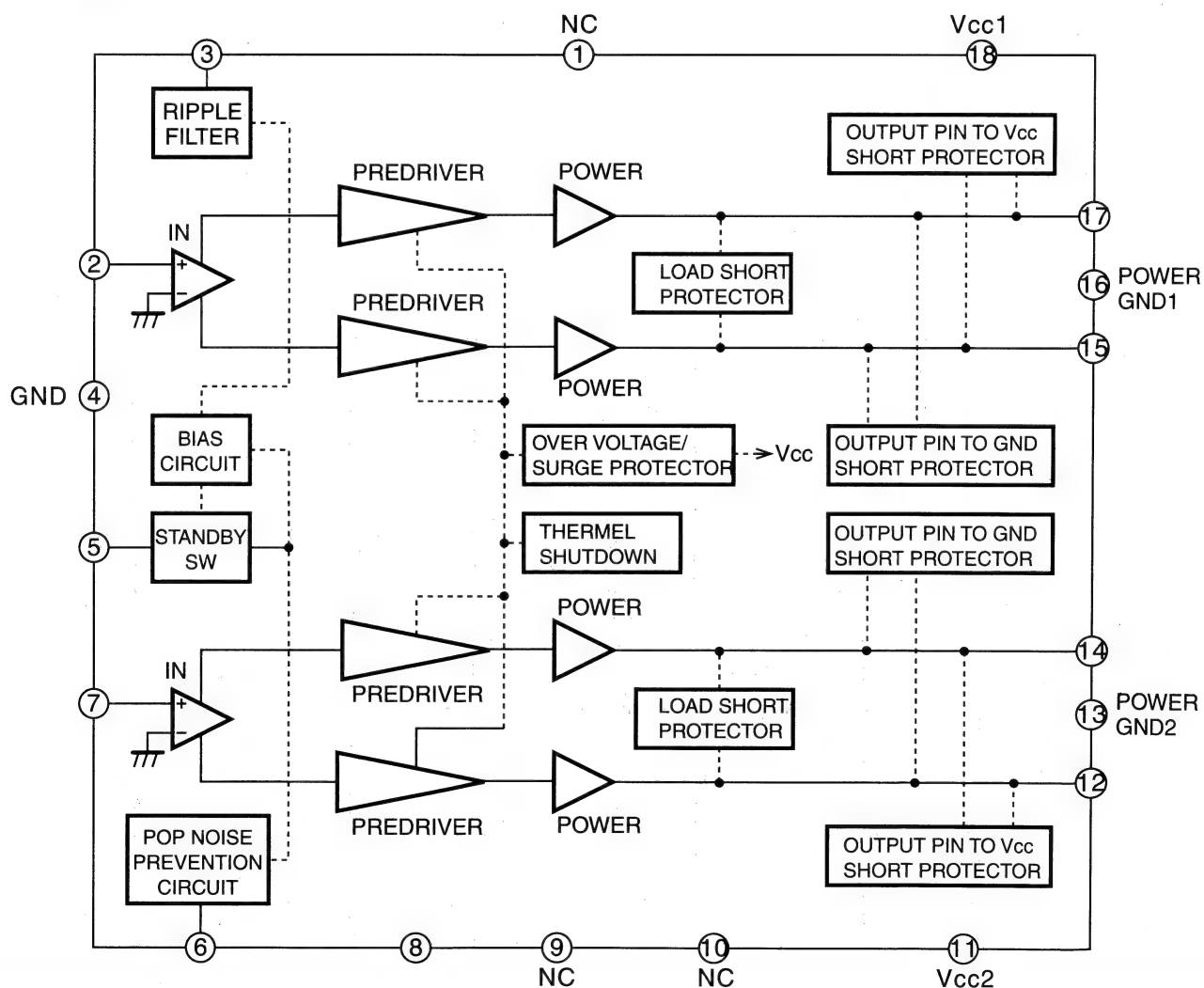
Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
1	GND	-	Connect to GND.	13	BASS	I	Terminal for bass control.
2	IN1	I	Terminal for 1ch volume input.	14	TRE	I	Terminal for treble control.
3	NF1	I	Terminal for gain adjustment of input step AMP.	15	VOL	I	Terminal for volume control.
4~6	BASS1	-	Terminal for connection of 1ch low-frequency filter.	16	OUT2	O	Terminal for 2ch volume output.
7.8	TRE1	-	Terminal for connection of 1ch high-frequency filter.	17.18	TRE2	-	Terminal for connection of 2ch high-frequency filter.
9	OUT1	O	Terminal for 1ch volume output.	19~21	BASS2	-	Terminal for connection of 2ch low-frequency filter.
10	VCC	-	Terminal for power supply.	22	NF2	I	Terminal for gain adjustment of input step AMP.
11	LIVE	-	Terminal for surround control.	23	IN2	I	Terminal for 2ch volume input.
12	VREF	O	Terminal for reference voltage output.	24	VSET	-	Terminal for filter.

# ■ LA4705NA (IC301) : 2ch BTL power IC

## 1. Pin layout

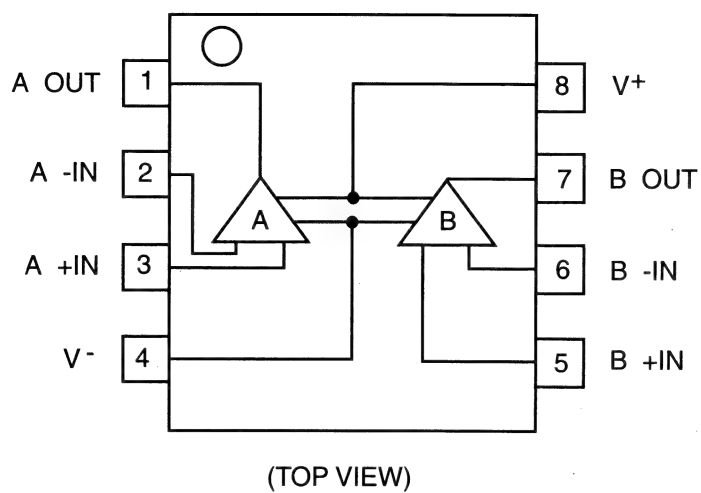


## 2. Block diagram



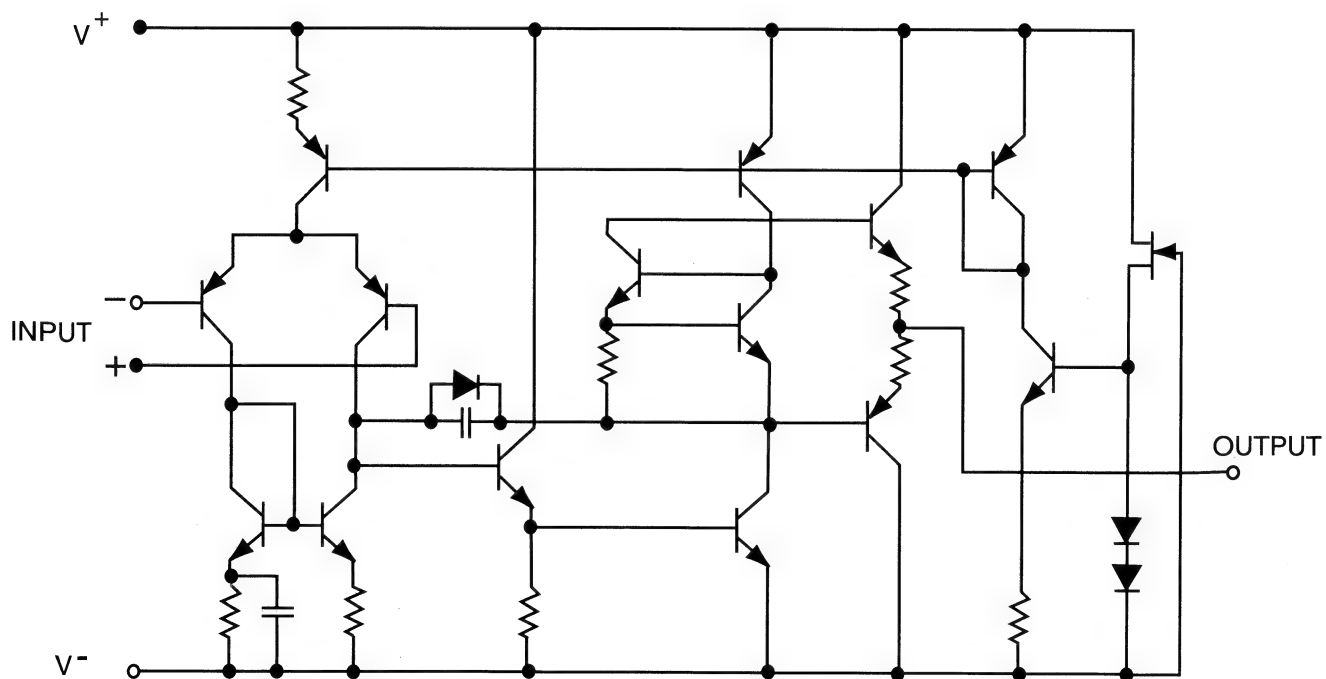
■ NJM4580L (IC302) : BASS Boost Amp.

## 1. Terminal Layout



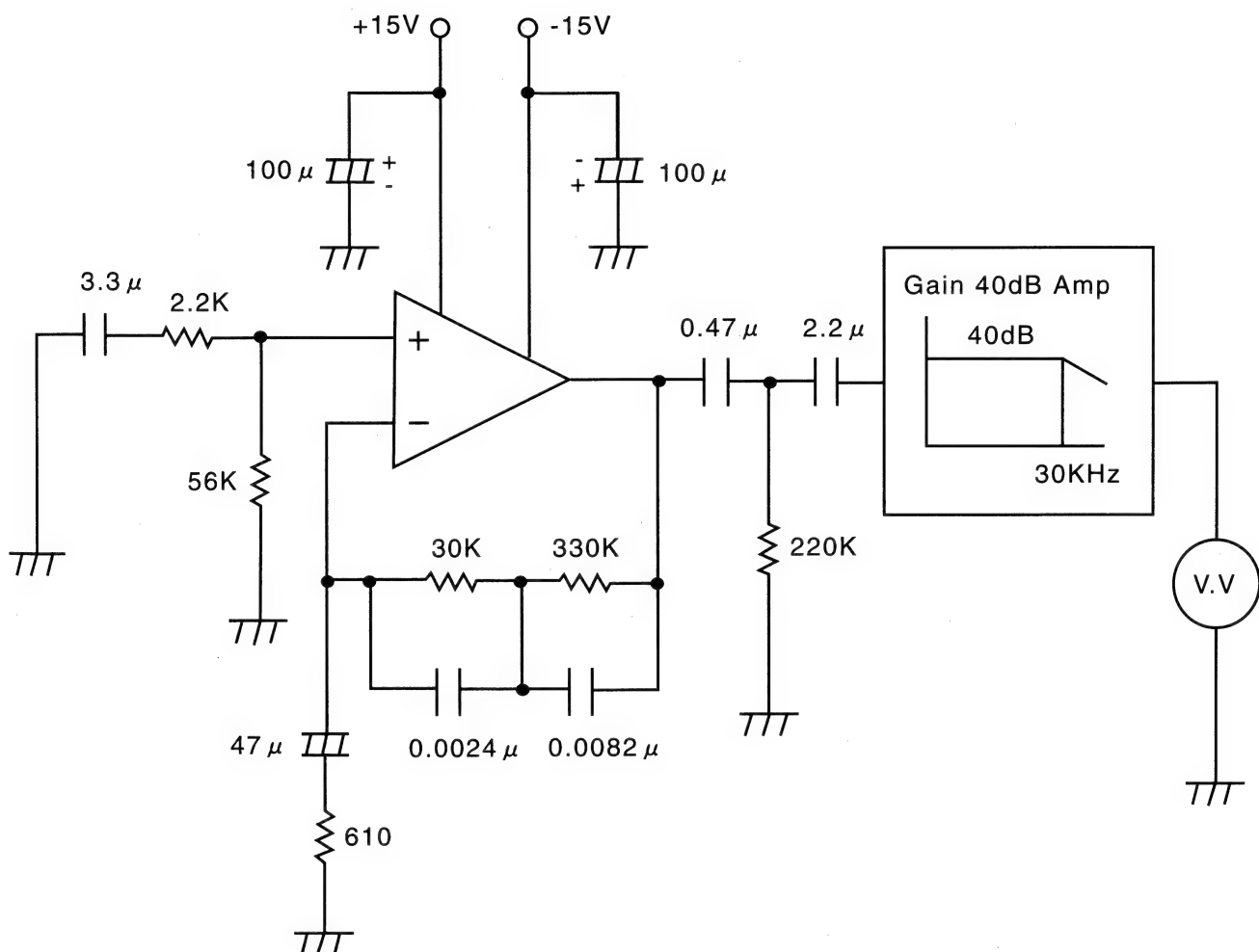
## CONNECTION INFORMATION

## 2. Block Diagram



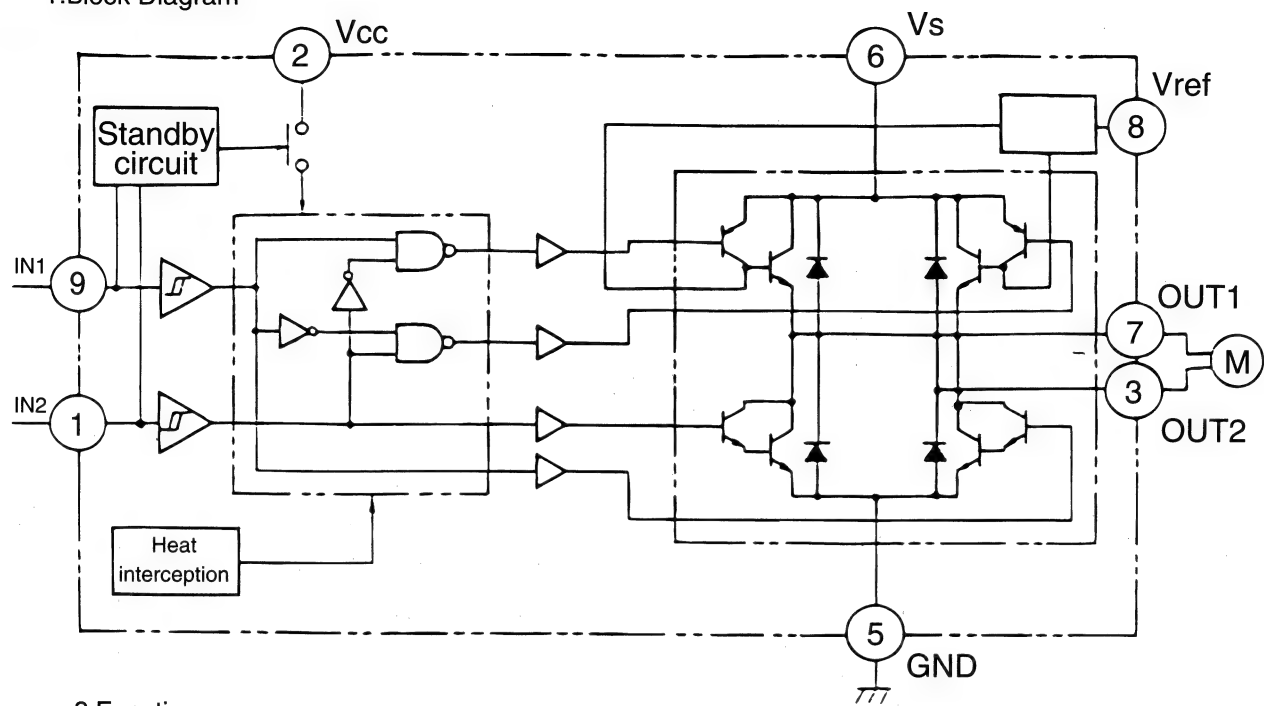
### EQUIVALENT CIRCUIT

# INPUT NOISE VOLTAGE MEASUREMENT CIRCUIT



■ TA8409S (IC308) : Motor Driver

1. Block Diagram

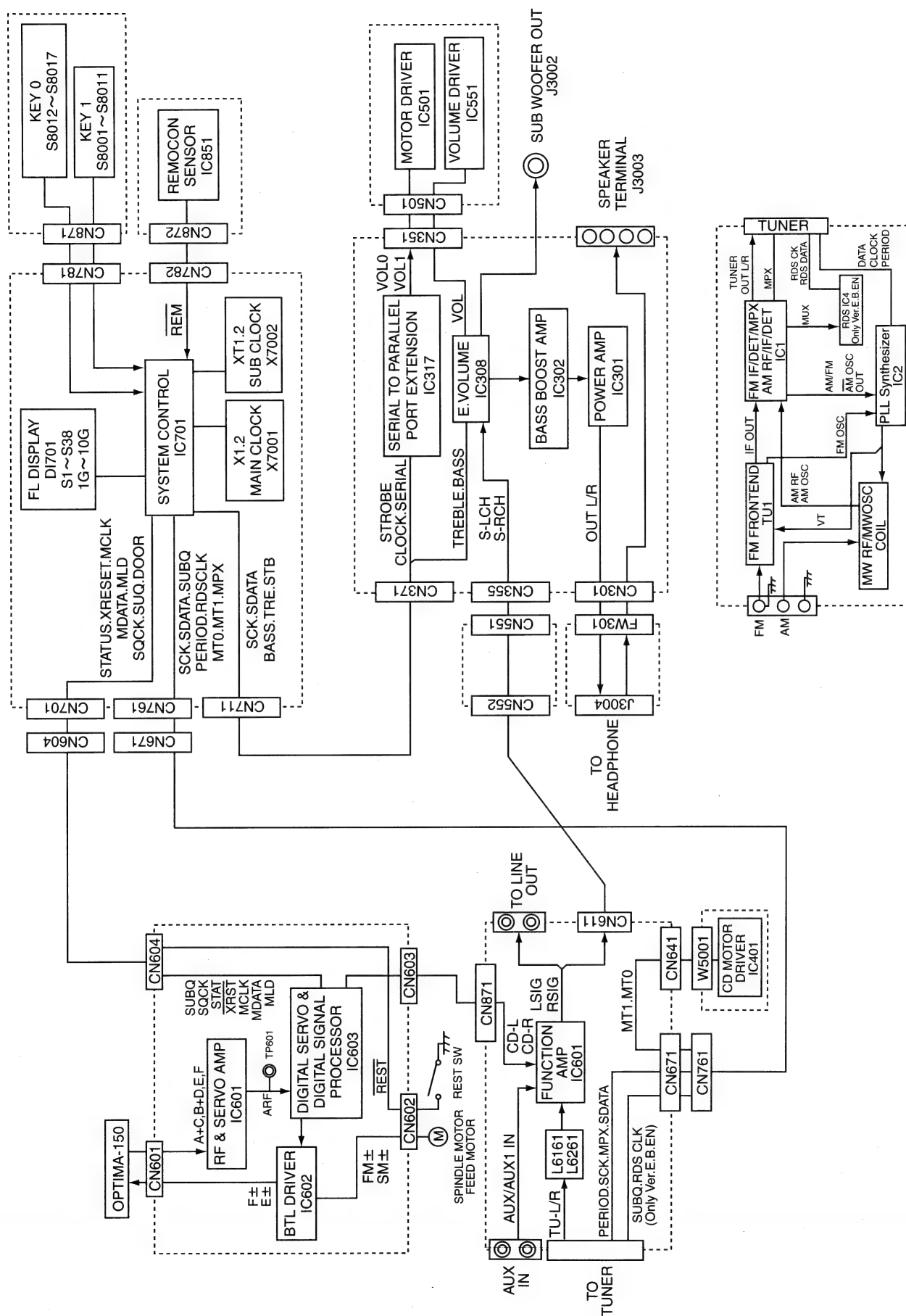


2. Function

INPUT		OUTPUT		MODE
IN1	IN2	OUT1	OUT2	MOTOR
0	0	$\infty$	$\infty$	STOP
1	0	H	L	CW/CCW
0	1	L	H	CCW/CW
1	1	L	L	BRAKE



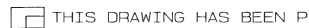
# Block Diagram



UX-V3/UX-V5  
UX-V5R/FS-V5

<<MEMO>>

## ■ Display Circuit for UX-V3/V5/V5R/FS-V5



UX-V3/UX-V5  
UX-V5R/FS-V5

## 6

## 5

## 4

## 3

## 2

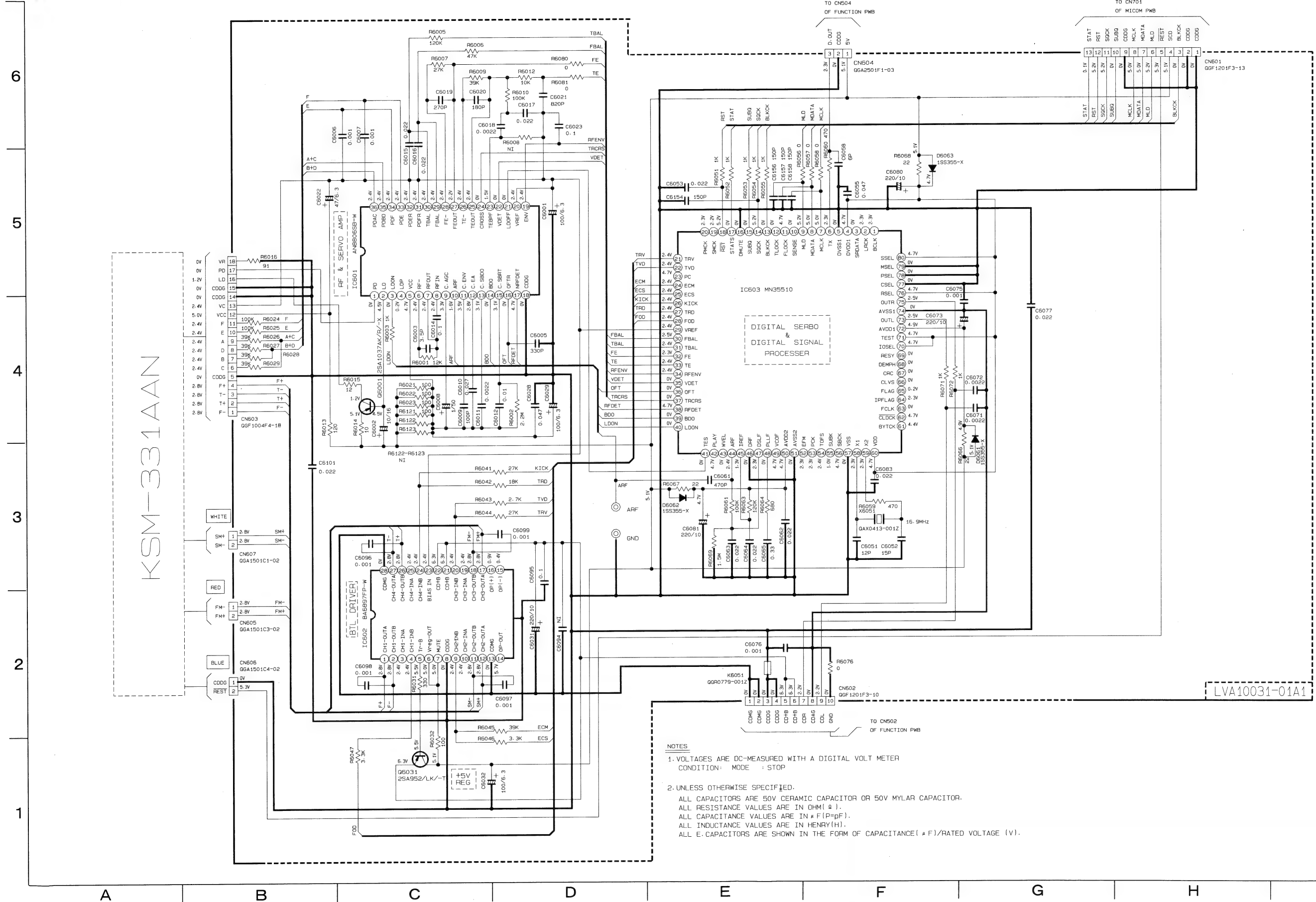
## 1



- |                    | S5501     | S5502     | S5503               | S5504           | S5505 | S5506            | VOLUME |       | S5509          |
|--------------------|-----------|-----------|---------------------|-----------------|-------|------------------|--------|-------|----------------|
|                    |           |           |                     |                 |       |                  | S5507  | S5508 |                |
| UX-A1              | TAPE REC. | REV. MODE |                     | SLEEP           | CLOCK | TIMER/<br>SNOOZE | +      | -     | S. BASS<br>PH. |
| FS-V5<br>UX-V3/-V5 | ↑         | ↑         | ↑                   | ↑               | ↑     | ↑                | ↑      | ↑     | AHB PH.        |
| UX-V5R             | ↑         | ↑         | PTY/EON             | DISPLAY<br>MODE | ↑     | ↑                | ↑      | ↑     | ↑              |
| UX-V6V             | ↑         | ↑         | KARAOKE<br>MODE/MFX | VCD<br>NUMBER   | ↑     | ↑                | ↑      | ↑     | ↑              |

UX-V3/-V5/-V5R
EXCEPT U/US/UT/UB/UX/UY/UF/UP
UX-A1, FS-V5
OTHER

■ CD Servo Circuit

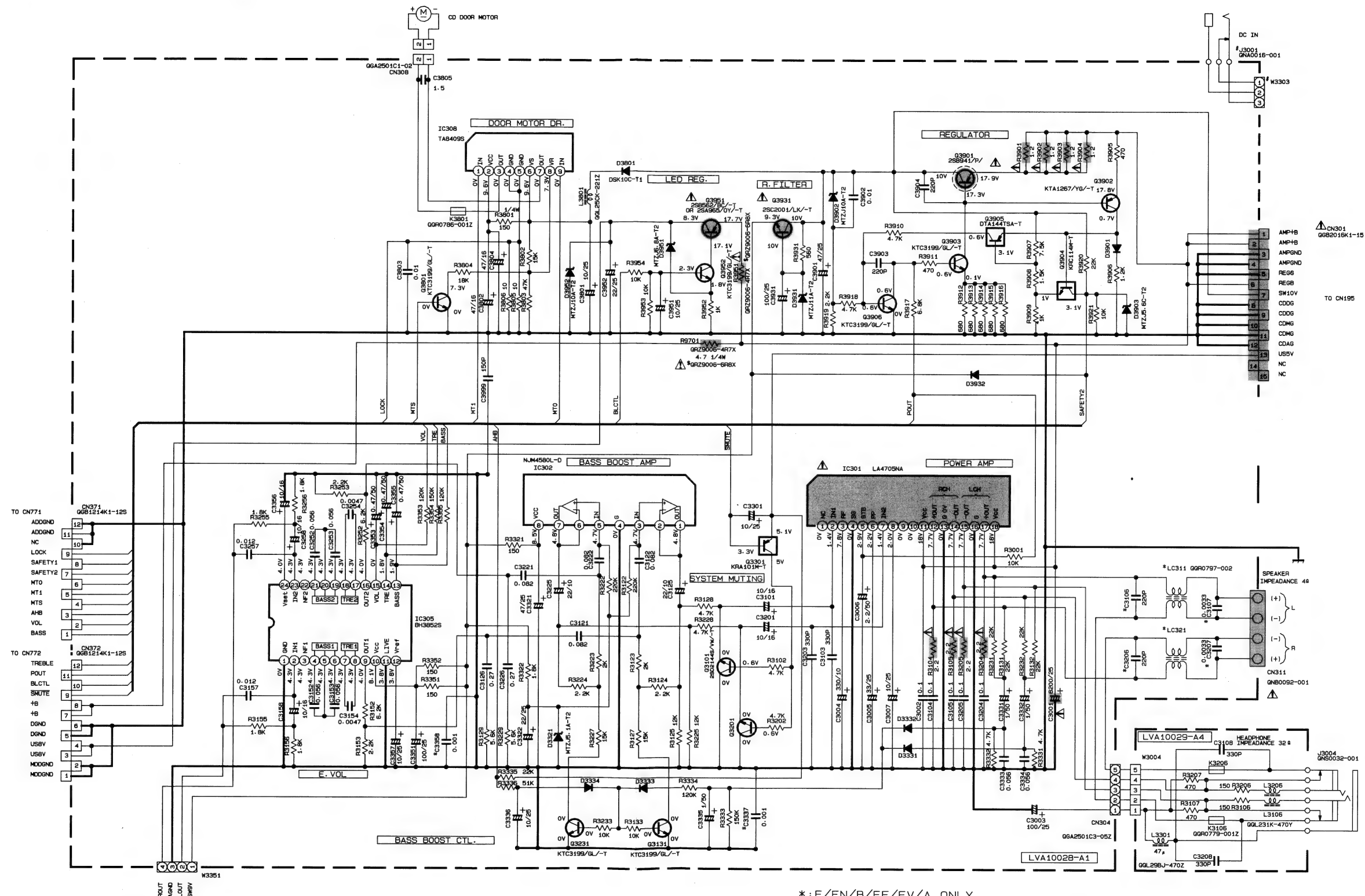


- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER  
CONDITION: MODE : STOP
  2. UNLESS OTHERWISE SPECIFIED.  
ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.  
ALL RESISTANCE VALUES ARE IN OHM (Ω).  
ALL CAPACITANCE VALUES ARE IN PICO (pF).  
ALL INDUCTANCE VALUES ARE IN HENRY (H).  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

UX-V3/UX-V5  
UX-V5R/FS-V5

UX-V3/UX-V5  
UX-V5R/FS-V5

■ Power Amplifier Circuit for UX-V3/V5/V5R/FS-V5



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.  
CONDITION — FUNC. CD STOP MODE

2. UNLESS OTHERWISE SPECIFIED

ALL RESISTANCE VALUES ARE IN OHM(Ω).  
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.  
ALL CAPACITANCE VALUES ARE IN μF(P=μF).  
ALL INDUCTANCE VALUES ARE IN mH(m=μH).  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).  
ALL DIODES ARE 1SS133

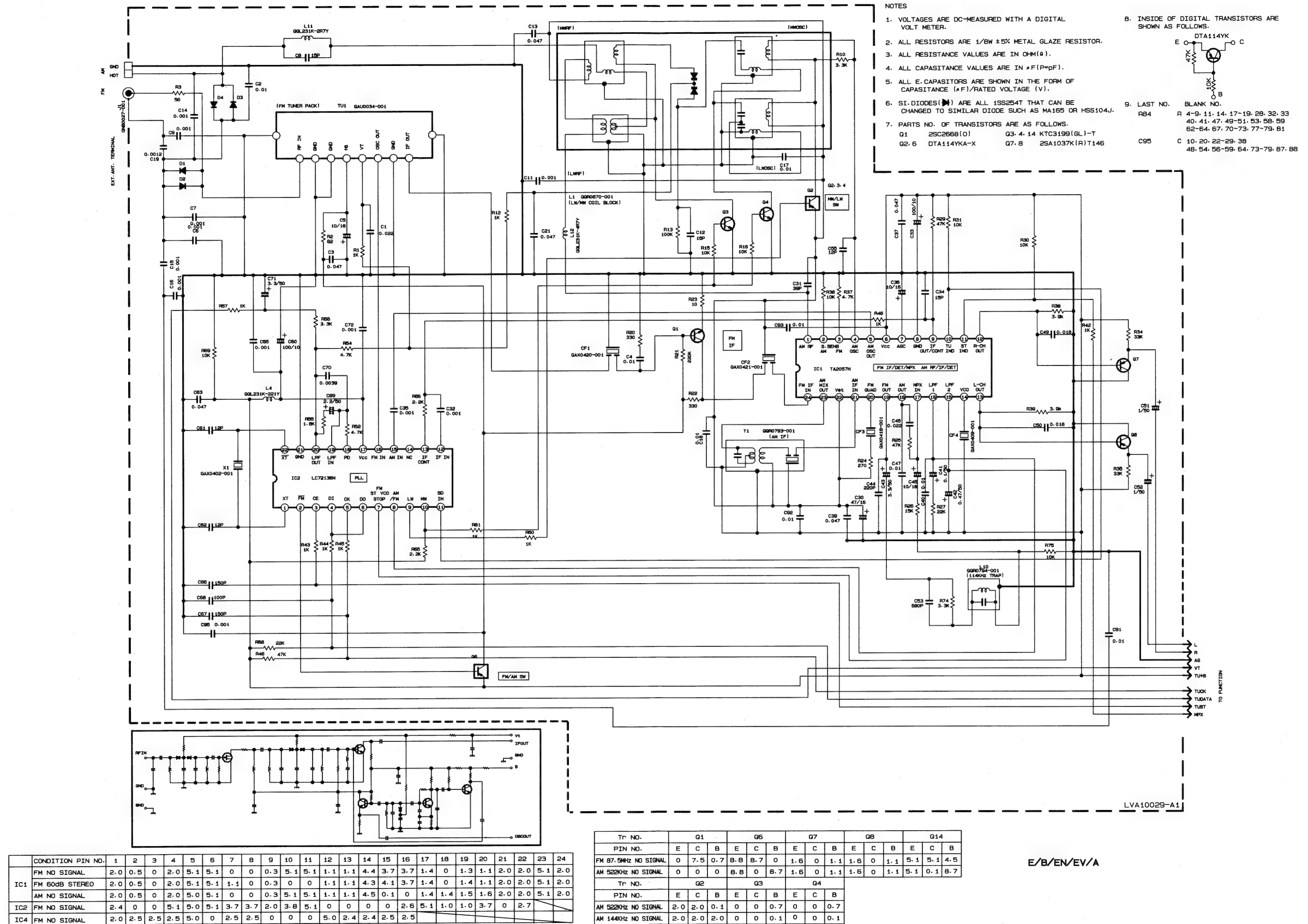
\*: E/EN/B/EE/EV/A ONLY  
#: EN ONLY

\$: FS-V5 ONLY



▲ Parts are safety assurance parts.  
When replacing those parts make  
sure to use the specified one.

## ■ Tuner Circuit for UX-V3/V5/FS-V5



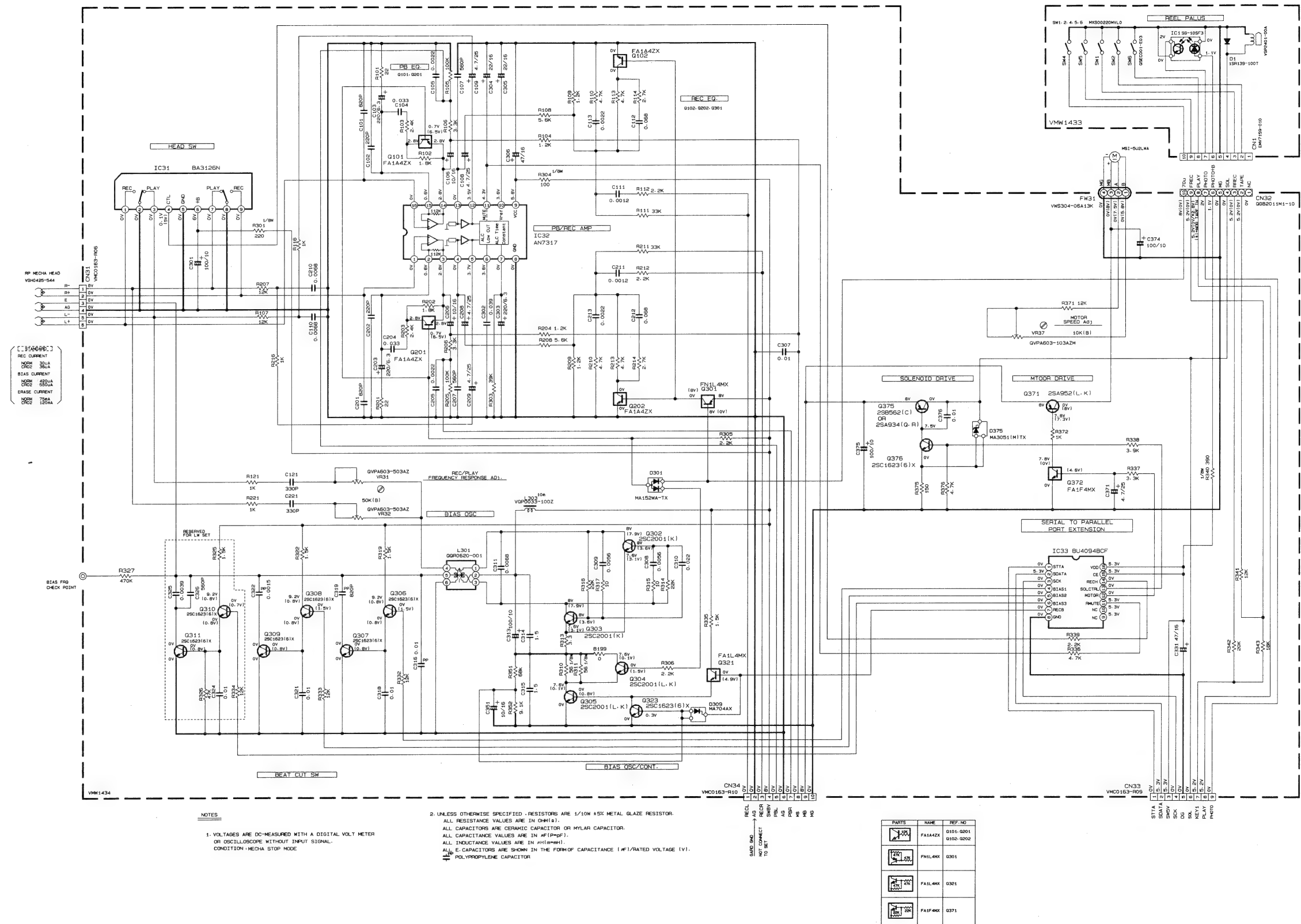
UX-V3/UX-V5  
UX-V5R/FS-V5

## 1 |





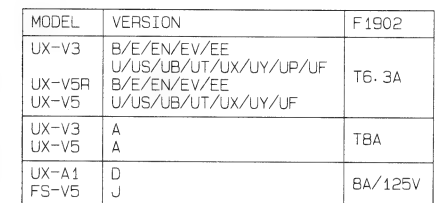
■ Cassette Amplifier Circuit




THIS DRAWING HAS BEEN PLOTTING OUT FR

UX-V3/UX-V5  
UX-V5R/FS-V5

## 1



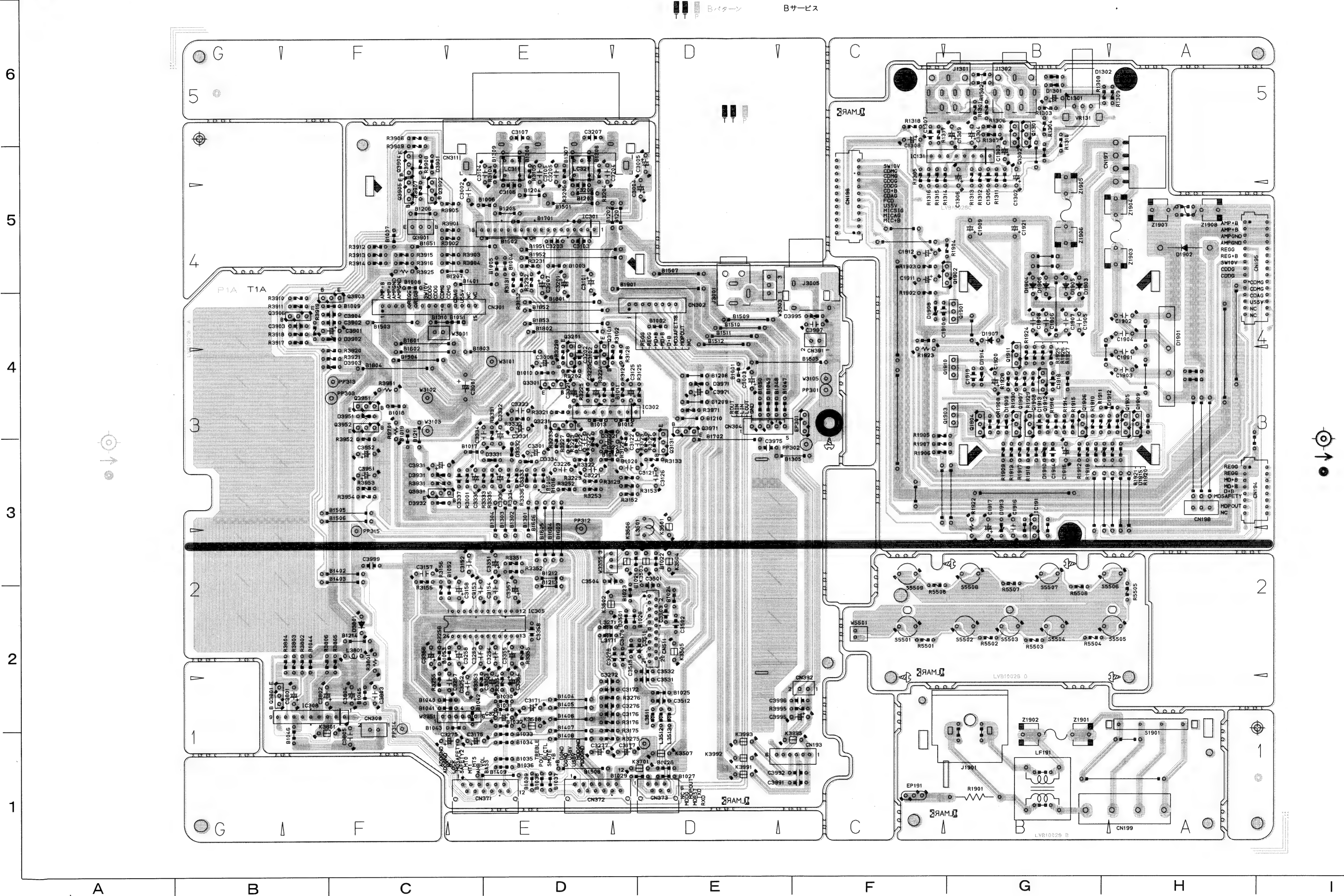
## NOTES

-  **Parts are safety assurance parts.**  
When replacing those parts make  
sure to use the specified one.



# Printed Circuit Boards

## Main Board





UX-V3/UX-V5  
UX-V5R/FS-V5

## 6

5

4

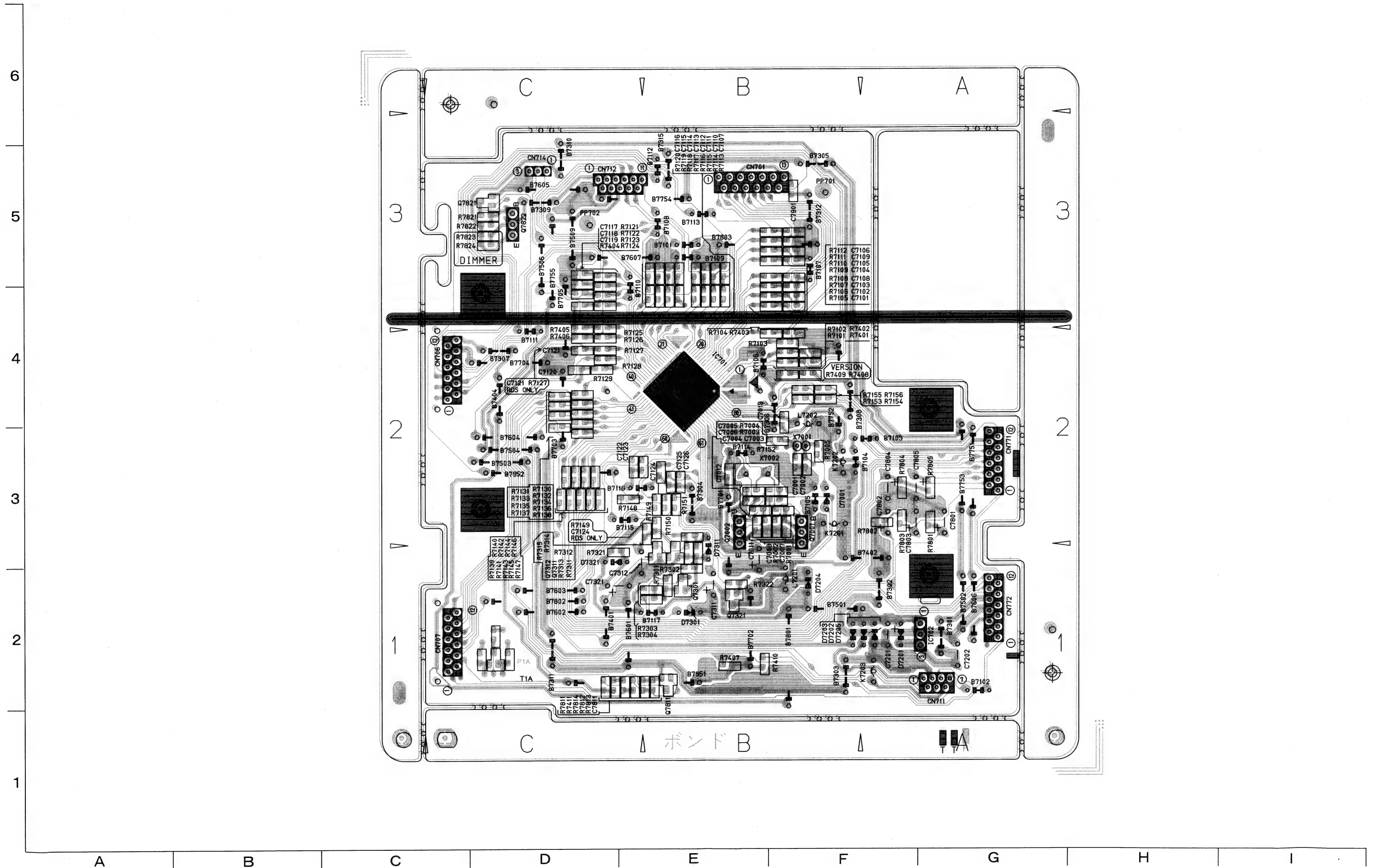
3

2

1 |



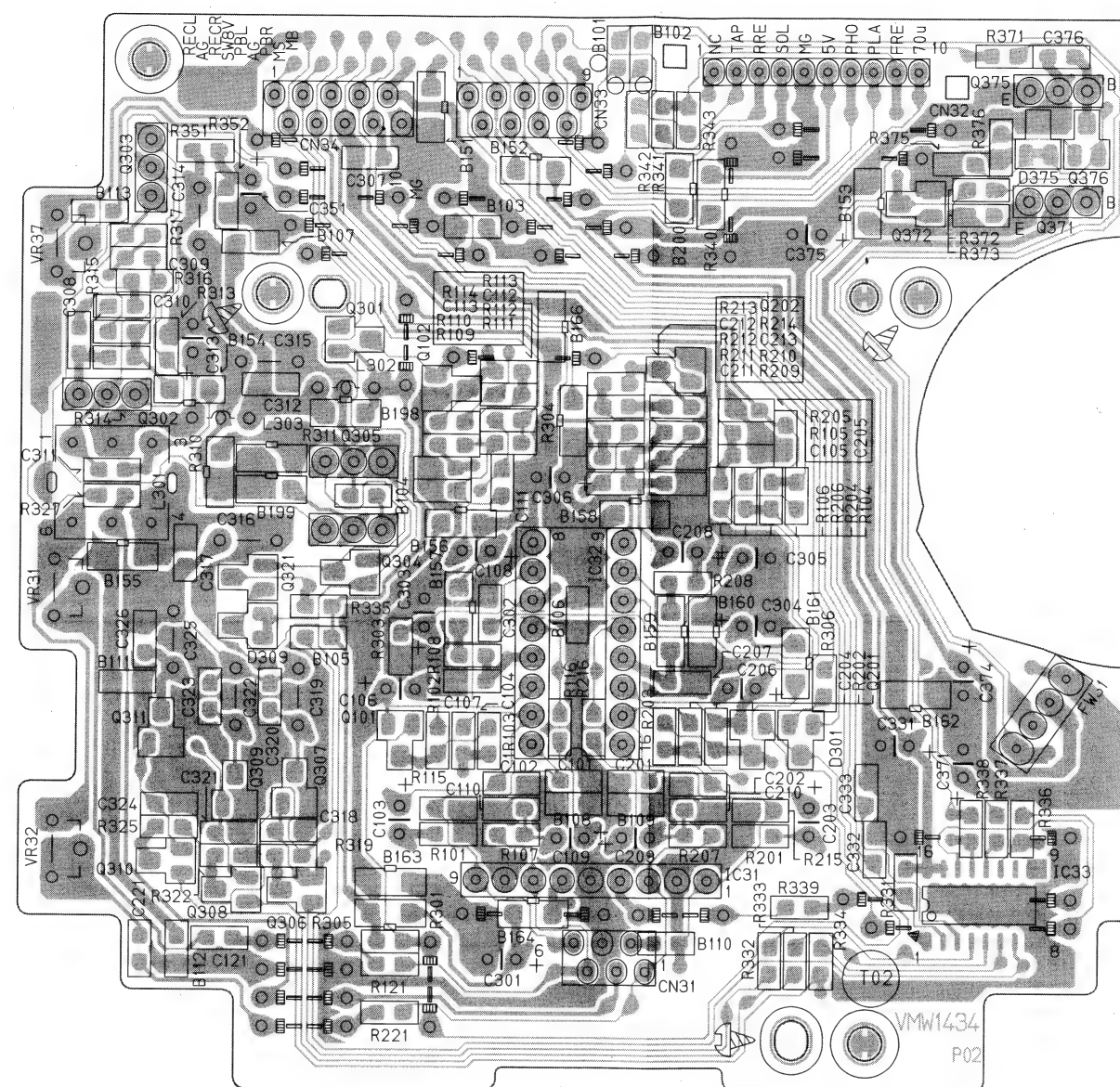
■ **CD Servo P. W. B**



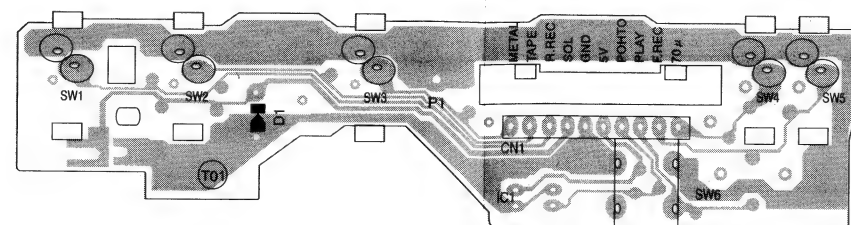
UX-V3/UX-V5  
UX-V5R/FS-V5

UX-V3/UX-V5  
UX-V5R/FS-V5

■ Head Amp. & Mechanism Control P.W. B



■ Cassette Switch P.W. B





# PARTS LIST

UX-V5R

UX-V5

UX-V3

\* All printed circuit boards and its assemblies are not available as service parts.

## UX-V5R

### Areas Suffix

B ----- U.K.  
E ----- Continental Europe  
EN ----- Northern Europe  
EV ----- Eastern Europe  
EE ----- Russian Federation

## UX-V3

### Areas Suffix

A ----- Australia  
B ----- U.K.  
E ----- Continental Europe  
EN ----- Northern Europe  
EV ----- Eastern Europe  
EE ----- Russian Federation

## UX-V5

### Areas Suffix

A ----- Australia

## - Contents -

Exploded view of general assembly and parts List-----	3-2
CD mechanism ass'y and parts list-----	3-6
Cassette mechanism ass'y and partsList-----	3-6
Electrical parts list -----	3-8
Packing materials and accessories parts list -----	3-29

■ Parts List (General Assembly)

BLOCK NO. <span style="border: 1px solid black; padding: 0 5px;">11111</span>							
REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR	
1	LV10170-004A	FRONT PANEL	V5R V5	1			
2	LV10170-001A	FRONT PANEL	V3	1			
3	LV40735-001A	REMOTE LENS		1			
3	LV20303-001A	FRONT BUTTON	V3	1			
	LV20303-004A	FRONT BUTTON	V5R V5	1			
4	QYSBSF3008Z	SCREW		5			
5	LV20305-001A	FRONT PLATE	V3	1			
	LV20305-003A	FRONT PLATE	V5R V5	1			
6	QYSBSF3008Z	SCREW		1			
7	E65923-003	TAPPING SCREW		1			
8	LV40954-001A	FOOT		2			
9	QYSBSF3008Z	SCREW	CHASSIS+PWB BKT	4			
10	LV30064-042A	SPACER		1			
11	QYSBST3006Z	TH TAP SCREW	PWB BKT+PWB	4			
12	LV20306-003A	CD DOOR	V5R	1			
	LV20306-001A	CD DOOR	V3	1			
	LV20306-002A	CD DOOR	V5	1			
13	LV41105-001A	BLIND		1			
14	PQ42376-001	JVC MARK		1			
15	LV40743-002A	LCD LENS	V5R V5	1			
	LV40743-001A	LCD LENS	V3	1			
16	LV30860-001A	LCD HOLDER		1			
17	LV30064-043A	SPACER		1			
18	LV40737-001A	LENS	LCD BACKLIGHT	1			
19	LV40739-001A	SHEET		1			
20	LV20307-001A	DOOR COVER		1			
21	LV20308-001A	CD DOOR LENS	V3	1			
	LV20308-002A	CD DOOR LENS	V5R V5	1			
22	QYSDSF2008M	SCREW	DOOR+COVER	3			
23	LV40744-001A	SOCKET BOLT	DOOR+LENS	2			
24	LV30858-001A	PWB BRACKET(L)	FOR MAICOM PWB	1			
25	LV30859-001A	PWB BRACKET(R)	FOR MAICOM PWB	1			
26	LV41002-001A	SHAFT	DOOR+CASE	1			
27	LV41003-001A	DOOR SUPPORTER		1			
28	QYSBSF3008Z	SCREW	F.PANEL+CD UNIT	2			
29	LV10173-001A	BOTTOM CHASSIS		1			
30	VKZ4001-016	WIRE HOLDER		1			
31	QYSBST4006Z	SCREW	B.CHASI+TRANS	4			
32	QZW0004-001	WIRE CLAMP		1			
33	LV30861-002A	JACK HOLDER		1			
34	QYSBST3006Z	TH TAP SCREW	J.HOL.+BTM.CHAS	1			
35	-----	CASSETTE MECHA		1			
36	VKL7850-203	EJECT SAFTY(R)		1			
37	VKW5258-002	TORSION SPRING		1			
38	VYH3965-001	SIDE BRACKET(R)		1			
39	QYSDST3008Z	SCREW	MECHA+S.BKT.	1			
40	VYH8146-012	EJECT ARM(R)		1			
41	VKW3006-230	TORSION SPRING		1			
42	VKZ4341-004	SPECIAL SCREW	E.ARM+S.BKT.	1			
43	LV31009-001A	HEAD SHIELD		1			
44	QYSBSF2606Z	SCREW		2			
45	LV10174-002A	TOP COVER(TD)	V3	1			
	LV10174-006A	TOP COVER(TD)	V5R	1			
	LV10174-005A	TOP COVER(TD)	V5	1			
46	LV20311-002A	CASSETTE DOOR	V5R V5	1			



BLOCK NO. 11111111

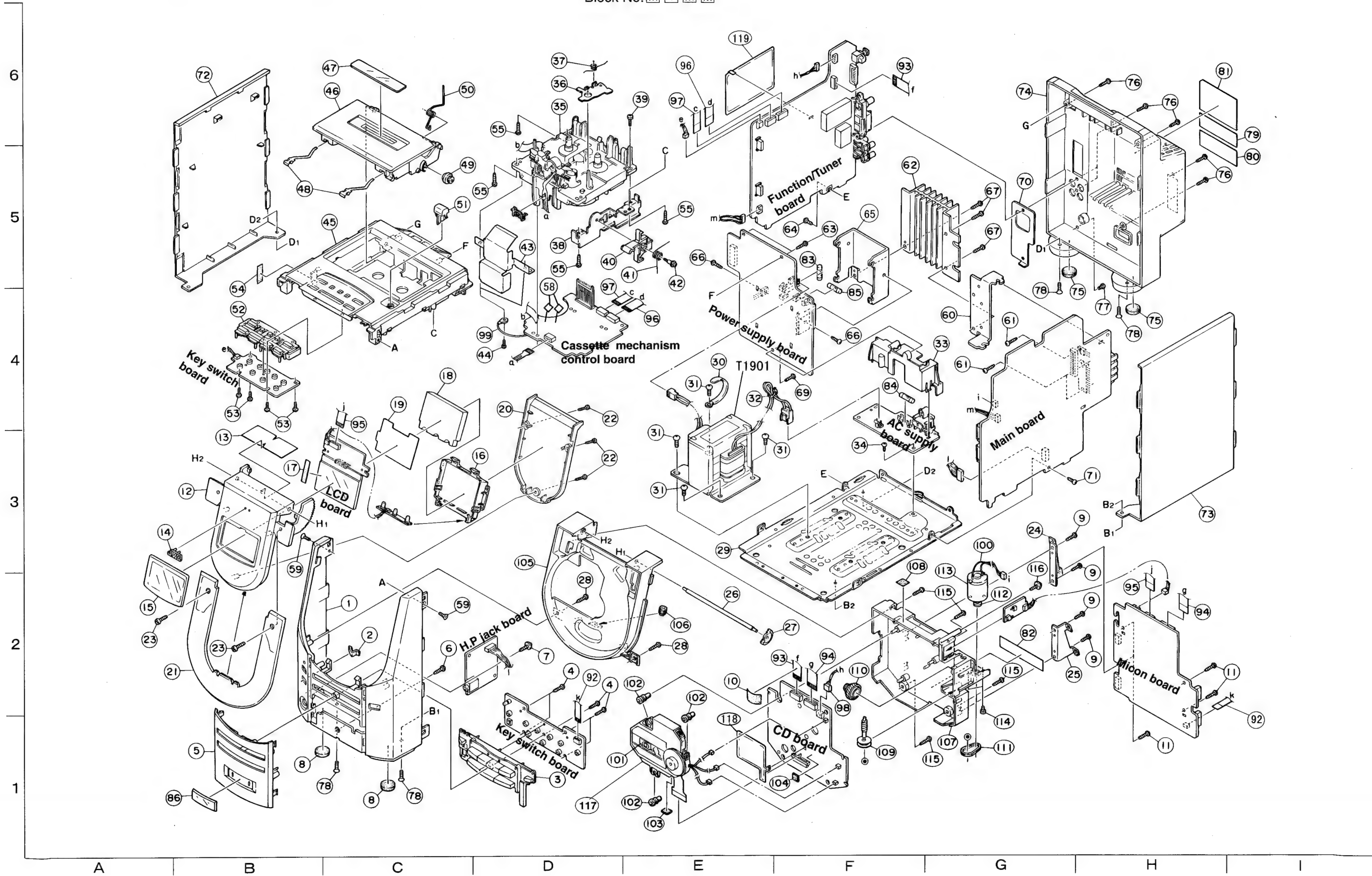
REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	LV20311-001A	CASSETTE DOOR	V3	1		
47	LV40851-002A	CASS.DOOR LENS	V5R V5	1		
	LV40851-001A	CASS.DOOR LENS	V3	1		
48	VKY4180-001	CASSETTE SPRING		2		
49	VYH7366-001MM	GEAR		1		
50	VKW5277-001	DOOR SPRING (R)		1		
51	LV40745-001A	EJECT KNOB	V3	1		
	LV40745-002A	EJECT KNOB	V5R V5	1		
52	LV30863-003A	TOP BUTTON	V5	1		
	LV30863-001A	TOP BUTTON	V3	1		
	LV30863-004A	TOP BUTTON	V5R	1		
53	QYSBSF3008Z	SCREW	T.PANEL+T.BUTTO	4		
54	VYSA1R4-056	SPACER		1		
55	QYSBSF3012Z	SCREW		4		
58	PU59915-105	SPACER	V5R/E EN EV B	1		
	PU59915-105	SPACER	V3/E EN EV B A	1		
	PU59915-105	SPACER	V5/A	1		
59	QYSSSF3008Z	SCREW	T.PANEL+F.PANEL	2		
60	LV30864-001A	IC HOLDER		1		
61	QYSBSF3010Z	SCREW	IC+IC HOLDER	3		
62	LV30865-001A	HEAT SINK 1		1		
63	QYSBSF3010Z	SCREW	IC HOL.+H.SINK1	2		
64	QYSBST3006Z	TH TAP SCREW	B.CHASI+AMP PWB	1		
65	LV30866-001A	HEAT SINK 2		1		
66	QYSBSF3010Z	SCREW	IC+HEAT SINK 2	2		
67	QYSBSF3010Z	SCREW		3		
69	QYSBSF3010Z	SCREW		1		
70	LV40746-001A	EARTH PLATE		1		
71	QYSBST3006Z	TH TAP SCREW	B.CHASI+TU/FUN	1		
72	LV10176-002A	SIDE PANEL(L)	V5R V5	1		
	LV10176-001A	SIDE PANEL(L)	V3	1		
73	LV10177-001A	SIDE PANEL(R)	V3	1		
	LV10177-002A	SIDE PANEL(R)	V5R V5	1		
74	LV10178-006A	REAR PANEL	V3	1		
	LV10178-002A	REAR PANEL	V5R EN	1		
	LV10178-001A	REAR PANEL	V5R V5	1		
	LV10178-007A	REAR PANEL	V3 EN	1		
75	LV40954-001A	FOOT		2		
76	QYSBSF3010N	TAP SCREW	R.PANEL+JACK	6		
77	QYSBST3006N	T.SCREW		1		
78	QYSSST3010Z	SCREW	BTM.+SIDE+PANEL	4		
79	LV30920-003A	NAME PLATE	V5R EE	1		
	LV30920-004A	NAME PLATE	V5R EN	1		
	LV30913-001A	NAME PLATE	V3 E	1		
	LV30913-004A	NAME PLATE	V3 EE	1		
	LV30920-001A	NAME PLATE	V5R E	1		
	LV30913-003A	NAME PLATE	V3 EV	1		
	LV30920-002A	NAME PLATE	V5R EV	1		
	LV30919-003A	NAME PLATE	V5 A	1		
	LV30913-013A	NAME PLATE	V3 EN	1		
	LV30913-005A	NAME PLATE	V3 A	1		
80	VND4118-004	CAUTION LABEL		1		
81	E70891-001	CLASS 1 LABEL		1		
82	LV40231-001A	CAUTION LABEL	FOR CD	1		

BLOCK NO. M1111

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
83	QMF51E2-6R3-J1	FUSE (F1902)	B/E/EE/EN/EV	1		
84	QMF2031-8R1-J1	FUSE (F1902)	V5/A V3/A	1		
85	QMF51E2-R50	FUSE (F1901)		1		
86	QMF51E2-5R0-J1	FUSE (F1904)	V5R/V3 EN ONLY	1		
	LV40736-003A	BADGE	V5R	1		
	LV40736-001A	BADGE	V3	1		
	LV40736-002A	BADGE	V5	1		
92	QUQ810-0712AJ	FFC WIRE		1		
93	QUQB12-1026CJ	FFC WIRE	CD - FUNC	1		
94	QUQB12-1306CJ	CARD WIRE	CD - MICOM	1		
95	QUQ810-1109AJ	FFC WIRE	LCD - MICOM	1		
96	QUQB12-1024CJ	FFC WIRE	SLC - FUNC	1		
97	QUQB12-0924CJ	FFC WIRE	SLC - FUNC	1		
98	QJN004-033001	WIRE		1		
100	WJM0079-001A	WIRE		1		
101	VYH8064-001	WEIGHT		1		
102	LV40770-002A	INSULATOR		3		
103	LV30064-038A	SPACER		1		
104	LV30064-045A	SPACER		1		
105	LV10171-002A	CD CASE	V5R V5	1		
	LV10171-001A	CD CASE	V3	1		
106	E75609-002	INSULATOR	FOR CD CASE	1		
107	LV10172-001A	CD CHASSIS		1		
108	LV30064-044A	SPACER		1		
109	LV40738-001A	GEAR1		1		
110	LV40740-002A	GEAR 2		1		
111	VKB3000-183	BELT		1		
112	VYH7699-001SS	PULLEY		1		
113	QAR0100-001	DC MOTOR		1		
114	QYSPSP3004Z	SCREW	CHASSIS+MOTOR	2		
115	QYSBSF3010Z	SCREW	CHASSIS+CASE	4		
116	E65923-003	TAPPING SCREW	CHASI+O/C SW.PW	1		
117	-----	CD MECHA		1		
118	LV40987-001A	SHIELD PLATE		1		
119	LV40988-001A	TUNER SHIELD		1		
T1901	QQT0248-003	POWER TRANS	B.E.EE.EN.EV	1		
	QQT0248-005	POWER TRANS	V5/A V3/A	1		

Exploded View of General Assembly and Parts List

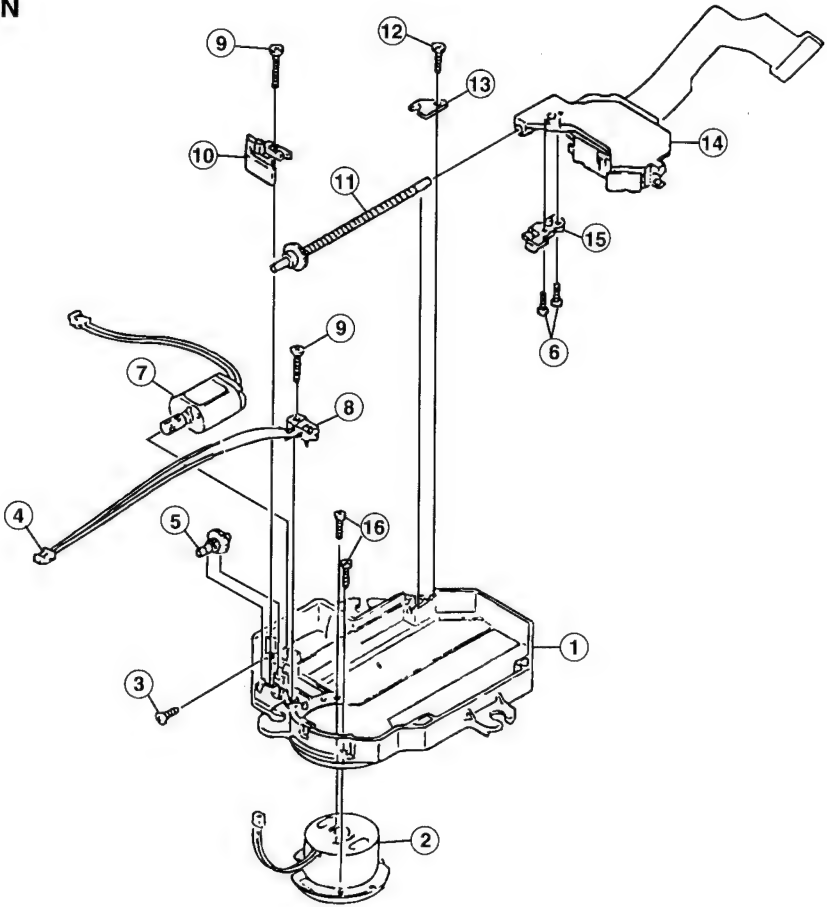
Block No. **M** **1** **M** **M**



CD Mechanism Assembly and Parts List

Block No. M 2 M M

KSM-33AAN



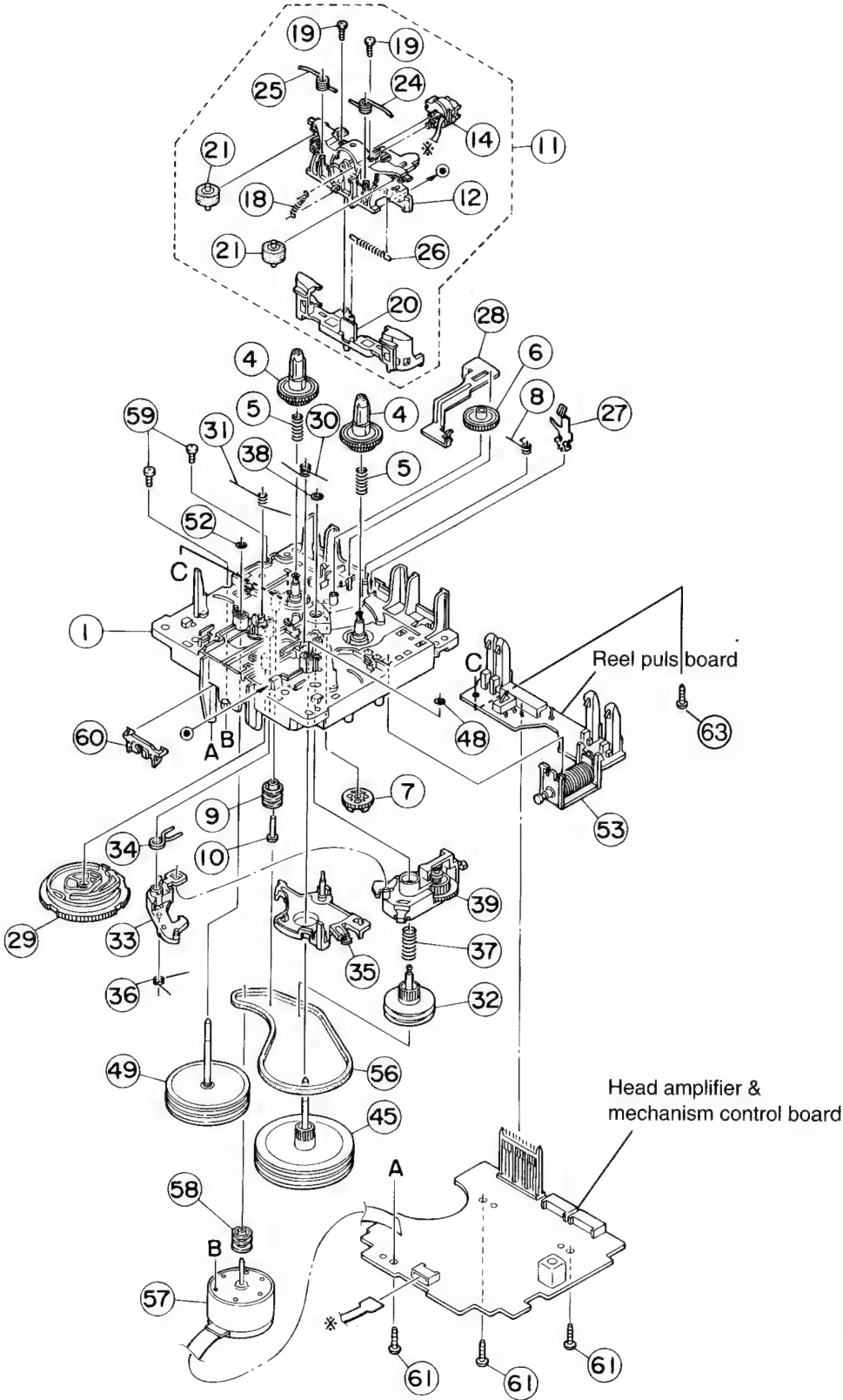
CD Mechanism Assembly Parts List

Item	Parts Number	Parts Name	Q'ty	Description	Area
1	2-625-415-05	CHASSIS	1		
2	X-2625-485-1SA	MOTOR ASS'Y	1		
3	3-732-988-01	SCREW	1		
4	1-948-418-21	HARNESS	1		
5	2-625-410-01	GEAR(B)	1		
6	7-627-852-17	SCREW	2	FOR RACK	
7	X-2625-171-2	FEED MOTOR ASS'Y	1		
8	1-570-771-11	SWITCH	1		
9	2-625-623-11	SCREW	2	FOR SWITCH	
10	2-625-412-02	LEAF SPRING	1		
11	X-2625-483-1	SHAFT GEAR	1		
12	2-625-623-01	SCREW	1	SHAFT GEAR	
13	2-625-411-01	GEAR GUIDE	1		
14	8-848-289-31SA	OPTICAL PICK UP	1		
15	2-625-414-02	RACK	1		
16	7-627-852-18	SCREW	2	FOR MOTOR	

Cassette Mechanism Assembly and Parts List

Block No. M 3 M M

SLC-S1YPM



# Parts List (Cassette Mechanism)

BLOCK NO. **M3MM** **111**

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
1	VKS1165-00G	CHASSIS B.ASS'Y		1		
4	VKS2274-002	REEL GEAR		2		
5	VKW5286-002	B.T. SPRING		2		
6	VKS5559-001	PLAY IDLE GEAR		1		
7	VKS5597-00A	FR GEAR ASS'Y		1		
8	VKW5296-001	EARTH SPRING		1		
9	VKR4749-002	IDLE PULLEY		1		
10	VKH5786-002	SHAFT		1		
11	VKS2275-00C	HEAD MOUNT ASSY		1		
12	VKS1167-001	HEAD MOUNT BASE		1		
14	VGH0425-544	R/P&E HEAD	VKS2275-00B	1		
18	VKW5302-001	HEAD SPRING		1		
19	VKZ4730-001	SPECIAL SCREW		2		
20	VKS2277-005	DIRECTION LEVER		1		
21	VKP4233-00A	PINCH ROL. ASSY		2		
24	VKW5299-002	PIN ROL.SP.(R)		1		
25	VKW5300-002	PIN ROL.SP.(L)		1		
26	VKW5285-001	RETURN SPRING		1		
27	VKY3149-002	CASSETTE SP.		1		
28	VKM3906-002	PLAY SW LEVER		1		
29	VKS1166-003	CONTROL CAM		1		
30	VKW5279-001	HEAD BASE SP(R)		1		
31	VKW5280-001	HEAD BASE SP(L)		1		
32	VKS5603-00D	MAIN PULLEY ASY		1		
33	VKS3785-001MM	FR ARM		1		
34	VKW5284-002	SWING SPRING		1		
35	VKS2278-003	TRIGGER ARM		1		
36	VKW5301-001	FR SPRING		1		
37	VKW5266-001	ELEVATOR SPRING		1		
38	WDL214025	WASHER		1		
39	VKS3786-00G	CLUTCH ASS'Y		1		
45	VKF3205-00B	F.WHEEL ASSY(R)		1		
48	WDL183425	SLIT WASHER		1		
49	VKF3207-00B	F.WHEEL ASSY(L)		1		
52	WDL173525-6	SLIT WASHER		1		
53	VKZ3174-00A	DC SOLENOID		1		
56	VKB3000-181	CAPSTAN BELT		1		
57	MSI-5U2LWA	D.C.MOTOR ASS'Y		1		
58	VKR4761-001	MOTOR PULLEY		1		
59	QYSPSP2604Z	SCREW		2		
60	VKS5577-001	FPC HOLDER		1		
61	QYSBSF2608Z	T.SCREW	FOR P.W.B.	3		
63	QYSBSF2006Z	SCREW		1		

# Electrical Parts List

## ■ Main Board (UX-V5/UX-V5R)

BLOCK NO. 01				REMARKS		SUFFIX	
A REF.	PARTS NO.	PARTS NAME					
CN195	QGB2016J1-15	CONNECTOR					
CN196	VHCO0289-S12	CONNECTOR					
CN197	VMCO076-002	CONNECTOR		VSR/EN ONLY			
CN198	QGA2501C3-032	CONNECTOR					
CN199	QGA7901C1-032	CONNECTOR					
CN301	QGB2016K1-15	B TO B CONNE		POWER PWB			
CN304	QGA2501C3-052	CONNECTOR					
CN308	QNB5111-002	2P CONNECTOR		CD DOOR			
CN311	QNB5092-001	SPK TERMINAL		SPEAKER			
CN371	QGB1214K1-12S	CONNECTOR		MICOM TOP			
CN372	QGB1214K1-12S	CONNECTOR		MICOM BOT			
CN901	QFV41HJ-104	TF CAPACITOR		-10MF 5X 50V			
CN902	QFV41HJ-104	TF CAPACITOR		-10MF 5X 50V			
CN903	QFV41HJ-104	TF CAPACITOR		-10MF 5X 50V			
CN904	QFV41HJ-104	TF CAPACITOR		-10MF 5X 50V			
CN910	QDYB1CM-103Y	ABCAPACITOR					
CN911	QTE1C03-1062	E CAPACITOR					
CN912	QTE1E06-4762	E CAPACITOR					
CN916	QFV41HJ-104	TF CAPACITOR		.10MF 5X 50V			
CN917	QFV41HJ-104	TF CAPACITOR		10MF 20X 16V			
CN917	QTE1C1CM-1062-JB	E CAPACITOR					
CN3001	QETM1EM-828	E CAPACITOR		8200MF 20X 25V			
CN3003	QFV41HJ-104	TF CAPACITOR		-10MF 5X 50V			
CN3004	QTE1A28-3372	E CAPACITOR		100MF 20X 25V			
CN3005	QETC1EM-3362-JB	E CAPACITOR					
CN3006	QETC1EM-3362-JB	E CAPACITOR		33MF 20X 25V			
CN3007	QETC1EM-1062-JB	E CAPACITOR		10MF 20X 25V			
CN3101	QTE1C03-1062	E CAPACITOR					
CN3103	QCB81HK-351Y	C CAPACITOR		330PF 10X 50V			
CN3104	QDX31EM-1042	C CAPACITOR					
CN3105	QDX31EM-1042	C CAPACITOR					
CN3106	QCB81HK-221Y	C CAPACITOR		220PF 10X 50V			
CN3107	QDXB1CM-332Y	C CAPACITOR					
CN3121	QFN41HJ-823	M CAPACITOR		.082MF 5X 50V			
CN3122	QFN41HJ-823	M CAPACITOR		.082MF 5X 50V			
CN3125	QTE1A03-2262	E CAPACITOR					
CN3126	QFVF1HJ-2742	TF CAPACITOR		-27MF 5X 50V			
CN3152	QFN31HJ-5632	M-CAPA. I.M		-056MF 5X 50V			
CN3153	QFN31HJ-5632	M-CAPA. I.M		-056MF 5X 50V			
CN3154	QFN41HJ-472	M CAPACITOR		4700PF 5X 50V			
CN3157	QFN41HJ-123	M CAPACITOR		-012MF 5X 50V			
CN3158	QTE1C03-1062	E CAPACITOR					
CN3201	QTE1C03-1062	E CAPACITOR					
CN3203	QCB81HK-351Y	C CAPACITOR		330PF 10X 50V			
CN3204	QDX31EM-1042	C CAPACITOR					
CN3205	QDX31EM-1042	C CAPACITOR					
CN3206	QCB81HK-221Y	C CAPACITOR		220PF 10X 50V			
CN3207	QDXB1CM-332Y	C CAPACITOR					
CN3221	QFN41HJ-823	M CAPACITOR		-082MF 5X 50V			
CN3222	QFN41HJ-823	M CAPACITOR		-082MF 5X 50V			
CN3225	QTE1A03-2262	E CAPACITOR					
CN3226	QFVF1HJ-2742	TF CAPACITOR		-27MF 5X 50V			
CN3252	QFN31HJ-5632	M-CAPA. I.M		-056MF 5X 50V			
CN3253	QFN31HJ-5632	M-CAPA. I.M		-056MF 5X 50V			
CN3254	QFN41HJ-472	M CAPACITOR		4700PF 5X 50V			

BLOCK NO. 02				REMARKS		SUFFIX	
A REF.	PARTS NO.	PARTS NAME					
CN3257	QFN41HJ-123	M CAPACITOR					
CN3258	QTE1C03-1062	E CAPACITOR		-012MF 5X 50V			
CN3301	QETC1EM-1062-JB	E CAPACITOR		10MF 20X 25V			
CN3321	QETC1EM-4762-JB	E CAPACITOR		47MF 20X 25V			
CN3331	QETC1HM-1052-JB	E CAPACITOR		1.0MF 20X 50V			
CN3332	QETC1HM-1052-JB	E CAPACITOR		1.0MF 20X 50V			
CN3333	QFV41HJ-5632	CAPACITOR		-056MF 5X 50V			
CN3334	QFV41HJ-5632	CAPACITOR		-056MF 5X 50V			
CN3335	QETC1HM-1052-JB	E CAPACITOR		1.0MF 20X 50V			
CN3336	QETC1EM-1062-JB	E CAPACITOR		10MF 20X 25V			
CN3337	QDB1HK-102Y	C CAPACITOR					
CN3351	QETC1EM-1072-JB	E CAPACITOR		100MF 20X 25V			
CN3353	QETC1HM-4762-JB	E CAPACITOR		-47MF 20X 50V			
CN3352	QETC1HM-4762-JB	E CAPACITOR		-47MF 20X 50V			
CN3353	QETC1HM-4762-JB	E CAPACITOR		-47MF 20X 50V			
CN3356	QTE1C28-1062	E-CAPA. I.M		10MF 20X 25V			
CN3357	QETC1EM-1062-JB	E CAPACITOR					
CN3358	QDB1HK-102Y	C CAPACITOR		10MF 20X 25V			
CN3801	QER61EM-1062	E-CAPA. I.M		10MF 20X 16V			
CN3802	QER41CM-476	E CAPACITOR		47MF 20X 16V			
CN3803	QFV41HJ-103	TF CAPACITOR		-010MF 5X 50V			
CN3804	QER41CM-476	E CAPACITOR		47MF 20X 16V			
CN3805	QC20205-1552	ML C. CAP I/M		1.5MF			
CN3901	QETC1EM-4762-JB	E CAPACITOR		47MF 20X 25V			
CN3902	QDYB1CM-103Y	ABCAPACITOR					
CN3903	QCB81HK-221Y	C CAPACITOR		220PF 10X 50V			
CN3904	QCB81HK-221Y	C CAPACITOR		220PF 10X 50V			
CN3931	QETC1EM-1072-JB	E CAPACITOR		100MF 20X 25V			
CN3951	QER61EM-1062	E-CAPA. I.M		10MF 20X 25V			
CN3952	QER61EM-2262	E-CAPA. I.M		22MF 20X 25V			
CN3999	QCB81HK-151Y	C CAPACITOR		150PF 10X 50V			
D1901	D5SBA20-S1	SI DIODE		ANALOG			
D1902	6A10E2	SI DIODE		VSR/EN ONLY			
D1908	MT2J4-3B-T2	ZENER DIODE		CD6V			
D1913	MT2J6-BB-T2	DIODE		US5V			
D3321	MT2J5-1A-T2	ZENER DIODE					
D3331	1S5133-T2	DIODE					
D3332	1S5133-T2	DIODE					
D3333	1S5133-T2	DIODE					
D3334	1S5133-T2	DIODE					
D3801	DSK10C-11	DIODE					
D3901	1S5133-T2	DIODE					
D3902	MT2J10A-T2	ZENER DIODE					
D3903	MT2J5-6C-T2	ZENER DIODE					
D3931	MT2J11A-T2	Z-DIODE I.M					
D3932	1S5133-T2	DIODE					
D3951	MT2J6-8A-T2	ZENER DIODE					
D3952	MT2J10A-T2	ZENER DIODE					
EP301	QN20136-0012	EARTH PLATE					
IC191	UPC78L05J-I	IC		US5V			
IC301	LA5705NA	IC		POWER AMP			
IC302	NJM4580L-D	IC		AHB AMP			
IC305	BH3852S	IC		E VOL			
IC308	TAB409S	IC					
J1901	QNC0006-001	AC SOCKET					



BLOCK NO. 01					BLOCK NO. 02						
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	J3001	QNA0018-001	DC JACK	VSR/EN ONLY			R3153	GRE141J-222Y	C RESISTOR	2.2K 5X 1/4W	
	K3801	QQR0779-001Z	INDUCTOR	FTZ			R3155	GRE141J-182Y	C RESISTOR	1.8K 5X 1/4W	
	LC311	QQR0797-002	INDUCTOR	FTZ			R3156	GRE141J-182Y	C RESISTOR	1.8K 5X 1/4W	
	LC321	QQR0797-002	INDUCTOR	FTZ			R3202	GRE141J-472Y	C RESISTOR	4.7K 5X 1/4W	
	LF191	QQR0799-001	INDUCTOR				R3204	GRE141J-282Y	C RESISTOR	2.2 5X 1/4W	
	L3801	QQL25CK-221Z	INDUCTOR				R3205	GRE141J-282Y	C RESISTOR	2.2 5X 1/4W	
	Q1901	2SA1359/YOY	TRANSISTOR	CD6V			R3222	GRE141J-224Y	C RESISTOR	220K 5X 1/4W	
	Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V			R3223	GRE141J-202Y	C RESISTOR	2.0K 5X 1/4W	
	Q3101	2SD2144S/VW/-T	TRANSISTOR I/M				R3224	GRE141J-222Y	C RESISTOR	2.2K 5X 1/4W	
	Q3131	KTC3199/GL/-T	TR I/M	V5A			R3225	GRE141J-123Y	C RESISTOR	12K 5X 1/4W	
	Q3131	2SC2785/FE/-T	TR I/M	VSR/EE			R3227	GRE141J-153Y	C RESISTOR	15K 5X 1/4W	
	Q3201	KTC3199/GL/-T	TR I/M	VSR/EE			R3228	GRE141J-472Y	C RESISTOR	4.7K 5X 1/4W	
	Q3201	2SD2144S/VW/-T	TRANSISTOR I/M	VSR/EE			R3229	GRE141J-562Y	C RESISTOR	5.6K 5X 1/4W	
	Q3231	2SC2785/FE/-T	TR I/M	V5A			R3231	GRE141J-223Y	C RESISTOR	22K 5X 1/4W	
	Q3231	KTC3199/GL/-T	TR I/M	V5A			R3232	GRE141J-223Y	C RESISTOR	22K 5X 1/4W	
	Q3231	KTC3199/GL/-T	TR I/M	VSR/EE			R3233	GRE141J-103Y	C RESISTOR	10K 5X 1/4W	
	Q3301	KRA101M-T	TR I/M	VSR/EE			R3252	GRE141J-622Y	C RESISTOR	6.2K 5X 1/4W	
	Q3301	KTC3199/GL/-T	TR I/M	VSR/EE			R3253	GRE141J-222Y	C RESISTOR	2.2K 5X 1/4W	
	Q3801	KTC3199/GL/-T	TR I/M	V5/A			R3253	GRE141J-182Y	C RESISTOR	1.8K 5X 1/4W	
	Q3801	2SC2785/FE/-T	TR I/M	VSR/EE			R3256	GRE141J-182Y	C RESISTOR	1.8K 5X 1/4W	
	Q3901	2SB941/P	TRANSISTOR	VSR/EE			R3257	GRE141J-151Y	C RESISTOR	150 5X 1/4W	
	Q3902	KTA1267/YG/-T	TRANSISTOR	VSR/EE			R3258	GRE141J-182Y	C RESISTOR	1.8K 5X 1/4W	
	Q3902	2SA1175/HFE/-T	TRANSISTOR	V5/A			R3259	GRE141J-472Y	C RESISTOR	4.7K 5X 1/4W	
	Q3902	KTA1267/YG/-T	TRANSISTOR	V5/A			R3260	GRE141J-154Y	C RESISTOR	150K 5X 1/4W	
	Q3903	KTC3199/GL/-T	TR I/M	VSR/EE			R3261	GRE141J-124Y	C RESISTOR	120K 5X 1/4W	
	Q3903	2SC2785/FE/-T	TR I/M	VSR/EE			R3262	GRE141J-223Y	C RESISTOR	22K 5X 1/4W	
	Q3903	KTC3199/GL/-T	TR I/M	VSR/EE			R3263	GRE141J-513Y	C RESISTOR	51K 5X 1/4W	
	Q3904	KRC114M-T	TR I/M	V5/A			R3265	GRE141J-151Y	C RESISTOR	150 5X 1/4W	
	Q3905	DTA144TSA-T	D. TRANSISTOR	VSR/EE			R3266	GRE141J-151Y	C RESISTOR	150 5X 1/4W	
	Q3906	KTC3199/GL/-T	TR I/M	VSR/EE			R3267	GRE141J-124Y	C RESISTOR	120K 5X 1/4W	
	Q3906	2SC2785/FE/-T	TR I/M	VSR/EE			R3268	GRE141J-124Y	C RESISTOR	120K 5X 1/4W	
	Q3906	KTC3199/GL/-T	TR I/M	V5/A			R3269	GRE141J-124Y	C RESISTOR	120K 5X 1/4W	
	Q3931	2SC2001/LK/-T	TRANSISTOR	VSR/EE			R3270	GRE141J-151X	C RESISTOR	150 5X 1/4W	
	Q3951	2SB562/BC/-T	TRANSISTOR	VSR/EE			R3802	GRE141J-153Y	C RESISTOR	15K 5X 1/4W	
	Q3952	2SC2785/FE/-T	TR I/M	VSR/EE			R3803	GRE141J-473Y	C RESISTOR	47K 5X 1/4W	
	Q3952	KTC3199/GL/-T	TR I/M	VSR/EE			R3804	GRE141J-183Y	C RESISTOR	18K 5X 1/4W	
	R1902	GRE141J-181Y	C RESISTOR	180 5X 1/4W			R3805	GRE141J-100Y	C RESISTOR	10 5X 1/4W	
	R1903	GRE141J-103Y	C RESISTOR	10K 5X 1/4W			R3806	GRE141J-100Y	C RESISTOR	10 5X 1/4W	
	R1904	GRE141J-103Y	C RESISTOR	10K 5X 1/4W			R3901	GRE141J-182Y	C RES I.M	1.2 5X 1/4W	
	R1922	QRL29006-4R7X	F RESISTOR	4.7 1/0W			R3902	GRE141J-182Y	C-RES I.M	1.2 5X 1/4W	
	R3001	GRE141J-103Y	C RESISTOR	10K 5X 1/4W			R3903	GRE141J-182Y	C-RES I.M	1.2 5X 1/4W	
	R3102	GRE141J-472Y	C RESISTOR	4.7K 5X 1/4W			R3904	GRE141J-182Y	C-RES I.M	1.2 5X 1/4W	
	R3104	GRE141J-282Y	C RESISTOR	2.2 5X 1/4W			R3905	GRE141J-471Y	C RESISTOR	470 5X 1/4W	
	R3105	GRE141J-282Y	C RESISTOR	2.2 5X 1/4W			R3906	GRE141J-122Y	C RESISTOR	1.2K 5X 1/4W	
	R3122	GRE141J-224Y	C RESISTOR	220K 5X 1/4W			R3907	GRE141J-752Y	C RESISTOR	7.5K 5X 1/4W	
	R3123	GRE141J-202Y	C RESISTOR	2.0K 5X 1/4W			R3908	GRE141J-152Y	C RESISTOR	1.5K 5X 1/4W	
	R3124	GRE141J-222Y	C RESISTOR	2.2K 5X 1/4W			R3909	GRE141J-102Y	C RESISTOR	1.0K 5X 1/4W	
	R3125	GRE141J-123Y	C RESISTOR	12K 5X 1/4W			R3910	GRE141J-472Y	C RESISTOR	4.7K 5X 1/4W	
	R3127	GRE141J-153Y	C RESISTOR	15K 5X 1/4W			R3911	GRE141J-471Y	C RESISTOR	470 5X 1/4W	
	R3128	GRE141J-472Y	C RESISTOR	4.7K 5X 1/4W			R3912	GRE141J-681Y	C RESISTOR	680 5X 1/4W	
	R3129	GRE141J-562Y	C RESISTOR	5.6K 5X 1/4W			R3913	GRE141J-681Y	C RESISTOR	680 5X 1/4W	
	R3131	GRE141J-223Y	C RESISTOR	22K 5X 1/4W			R3914	GRE141J-681Y	C RESISTOR	680 5X 1/4W	
	R3132	GRE141J-223Y	C RESISTOR	22K 5X 1/4W			R3915	GRE141J-681Y	C RESISTOR	680 5X 1/4W	
	R3133	GRE141J-103Y	C RESISTOR	10K 5X 1/4W			R3916	GRE141J-681Y	C RESISTOR	680 5X 1/4W	
	R3152	GRE141J-622Y	C RESISTOR	6.2K 5X 1/4W							

■ Tuner/Function Board

BLOCK NO. 00000000					BLOCK NO. 02000000				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R3917	GRE141J-682Y	C RESISTOR	6.8K 5% 1/4W		C 1	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
R3918	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W		C 2	NCB21HK-103X	C CAPACITOR	-0.10MF 10X 50V	
R3919	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W		C 3	NCB21EK-473X	C CAPACITOR	-0.47MF 10X 25V	
R3920	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W		C 4	NCB21HK-103X	C CAPACITOR	-0.10MF 10X 50V	
R3921	GRE141J-103Y	C RESISTOR	10K 5% 1/4W		C 5	GEK41CM-106	E CAPACITOR	10MF 20X 16V	
R3931	GRE141J-561Y	C RESISTOR	560 5% 1/4W		C 6	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R3951	GRZ9006-4R7X	F RESISTOR	4.7 1/2W		C 7	NCB21HJ-102X	C CAPACITOR	1000PF 5X 50V	
R3952	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C 8	NCB21HJ-150X	C CAPACITOR	15PF 5X 50V	
R3953	GRE141J-103Y	C RESISTOR	10K 5% 1/4W		C 9	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R3954	GRE141J-103Y	C RESISTOR	10K 5% 1/4W		C 11	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5501	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C 12	NDG21HJ-150X	C CAPACITOR		
R5502	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C 13	NCB21EK-473X	C CAPACITOR	-0.47MF 10X 25V	
R5503	GRE141J-122Y	C RESISTOR	1.2K 5% 1/4W		C 14	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5504	GRE141J-122Y	C RESISTOR	1.2K 5% 1/4W		C 15	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5505	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W		C 16	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5506	GRE141J-272Y	C RESISTOR	2.7K 5% 1/4W		C 17	NCB21HK-103X	C CAPACITOR	-0.10MF 10X 50V	
R5507	GRE141J-392Y	C RESISTOR	3.9K 5% 1/4W		C 18	NCB21HK-103X	C CAPACITOR	-0.10MF 10X 50V	
R5508	GRE141J-562Y	C RESISTOR	5.6K 5% 1/4W		C 19	NCB21HK-122X	C CAPACITOR	1200PF 10X 50V	
R9701	GRZ9006-4R7X	F RESISTOR	4.7 1/2W		C 21	NCB21EK-473X	C CAPACITOR	-0.47MF 10X 25V	
S5501	QSW0598-001Z	TACT SWITCH	REC		C 30	GEK61CM-476Z-JB	E CAPACITOR	47MF 20X 16V	
S5502	QSW0598-001Z	TACT SWITCH	REV. MODE		C 31	NCB21HJ-390X	C CAPACITOR	39PF 5X 50V	
S5503	QSW0598-001Z	TACT SWITCH	PIV/EON		C 32	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
S5504	QSW0598-001Z	TACT SWITCH	DISPLAY MODE		C 33	GEK61AM-107Z-JB	E CAPACITOR	100MF 20X 10V	
S5505	QSW0598-001Z	TACT SWITCH	CLOCK		C 34	NCB21HJ-150X	C CAPACITOR	15PF 5X 50V	
S5506	QSW0598-001Z	TACT SWITCH	TIMER		C 35	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
S5507	QSW0598-001Z	TACT SWITCH	VOL. UP		C 36	GEK41CM-106	E CAPACITOR	V5R/E EN EV B	
S5508	QSW0598-001Z	TACT SWITCH	VOL. DOWN		C 36	GEK61CM-106Z	E CAPACITOR	V5R/EE	
S5509	QSW0598-001Z	TACT SWITCH	AHB		C 37	NCB21EK-473X	C CAPACITOR	V5/A	
W3503	QJK019-030703	SIN CR C-B WIRE	V5R/EN ONLY		C 39	NCB21EK-473X	C CAPACITOR	-0.47MF 10X 25V	
A 21901	NGG0020-001Z	FUSE CLIP	FOR F1901		C 40	NCB21HK-103X	C CAPACITOR	-0.10MF 10X 50V	
A 21902	NGG0020-001Z	FUSE CLIP	FOR F1901		C 41	GEK61HM-104Z-JB	E CAPACITOR	-10MF 20X 50V	
A 21903	NGG0020-001Z	FUSE CLIP	FOR F1902		C 42	GEK61HM-474Z-JB	E CAPACITOR	-47MF 20X 50V	
A 21904	NGG0020-001Z	FUSE CLIP	FOR F1902		C 43	GEK61HM-335Z-JB	E CAPACITOR	3.3MF 20X 50V	
A 21907	NGG0020-001Z	FUSE CLIP	V5R/EN ONLY		C 44	NCB21HJ-221X	C CAPACITOR	220PF 5X 50V	
A 21908	NGG0020-001Z	FUSE CLIP	V5R/EN ONLY		C 45	GEK41CM-106	E CAPACITOR	V5R/E EN EV B	
					C 45	GEK41CM-106	E CAPACITOR	V5/A	
					C 45	GEK41CM-106Z	E CAPACITOR	V5R/EE	
					C 46	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
					C 47	NCB21HK-103X	C CAPACITOR	-0.10MF 10X 50V	
					C 49	NCB21HK-183X	C CAPACITOR	-0.18MF 10X 50V	
					C 50	NCB21HK-183X	C CAPACITOR	-0.18MF 10X 50V	
					C 51	GEK41HM-105	E CAPACITOR	V5/A	
					C 51	GEK61HM-105Z-JB	E CAPACITOR	V5R/EE	
					C 52	GEK41HM-105	E CAPACITOR	V5R/E EN EV B	
					C 52	GEK61HM-105Z-JB	E CAPACITOR	V5R/EE	
					C 53	NCB21HK-681X	C CAPACITOR	680PF 10X 50V	
					C 55	NCB21HJ-120X	C CAPACITOR	12PF 5X 50V	
					C 60	GEK61AM-107Z-JB	E CAPACITOR	100MF 20X 10V	
					C 61	NCB21HJ-120X	C CAPACITOR	12PF 5X 50V	
					C 62	NCB21HJ-120X	C CAPACITOR	12PF 5X 50V	
					C 63	NCB21EK-473X	C CAPACITOR	-0.47MF 10X 25V	
					C 65	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	



BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C 66	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
C 67	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
C 68	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
C 69	QEK61HM-2252-JB	E CAPACITOR	2.2MF 20X 50V	
C 70	NCS21HK-392X	C CAPACITOR	3900PF 10X 50V	
C 71	QEK61HM-335X-JB	E CAPACITOR	3.3MF 20X 50V	
C 72	NCS21HK-102X	C CAPACITOR	1000PF 10X 50V	
C 80	NCS21HJ-820X	C CAPACITOR	V5R/E EE EN EV	
C 81	NCS21HJ-470X	C CAPACITOR	V5R/B	
C 82	QEK41CM-106	E CAPACITOR	V5R/E EE EN EV	
C 83	NCS21HK-473X	C CAPACITOR	V5R/B	
C 84	QEK61HM-2252-JB	E CAPACITOR	V5R/E EE EN EV	
C 85	NCS21HK-331X	C CAPACITOR	V5R/B	
C 86	NCS21HK-331X	C CAPACITOR	V5R/E EE EN EV	
C 87	NCS21HK-561X	C CAPACITOR	V5R/B	
C 88	NCS21HK-102X	C CAPACITOR	V5R/B	
C 89	NCS21HK-102X	C CAPACITOR	V5R/E EE EN EV	
C 90	NCS21HK-103X	C CAPACITOR	V5R/E EE EN EV	
C 91	NCS21HK-103X	C CAPACITOR	V5R/B	
C 92	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V	
C 93	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V	
C 95	NCS21HK-102X	C CAPACITOR	1000PF 10X 50V	
CF 1	GAX0420-001	C FILTER	V5R/E EN EV B	
CF 1	GAX0420-001	C FILTER	V5/A	
CF 1	GAX0403-001	C FILTER	V5R/EE	
CF 2	GAX0403-001	C FILTER	V5R/EE	
CF 2	GAX0421-001	C FILTER	V5/A	
CF 2	GAX0421-001	C FILTER	V5R/E EN EV B	
CF 3	GAX0418-0012	C FILTER		
CF 4	GAX0409-001	CERA LOCK		
CN 43	GGF1201F3-09	CONNECTOR	CT	
CN 44	GGF1201F3-10	CONNECTOR	CT	
CN501	GGF2001F1-04	4P PLUG ASSY	MD6P	
CN502	GGF1201F3-10	CONNECTOR	VC012P	
CN503	VMC00289-P12	CONNECTOR		
CN504	GGA2501F1-03	CONNECTOR		
CN506	GGB1214J1-12S	CONNECTOR		
CN507	GGB1214J1-12S	CONNECTOR		
CN508	GGA2001F1-02	2P CONNECTOR		
CN811	GGF1016F1-07	CONNECTOR		
CN812	GGF1008F1-11	CONNECTOR		
C3108	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V	
C3208	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V	
C5101	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
C5102	QFN41HJ-562	M CAPACITOR	5600PF 5X 50V	
C5103	QTE1H06-4752	E CAPACITOR	33PF 5X 50V	
C5105	NCS21HJ-330X	C CAPACITOR	10PF 5X 50V	
C5106	NCS21HJ-100X	C CAPACITOR	10PF 5X 50V	

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C 5107	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C 5108	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C 5109	NCS21HK-103X	C CAPACITOR	1000PF 10X 50V	
C 5110	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C 5201	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
C 5202	QFN41HJ-562	M CAPACITOR	5600PF 5X 50V	
C 5203	QTE1H06-4752	E CAPACITOR	33PF 5X 50V	
C 5205	NCS21HJ-330X	C CAPACITOR	10PF 5X 50V	
C 5206	NCS21HJ-100X	C CAPACITOR	10PF 5X 50V	
C 5207	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C 5208	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C 5209	NCS21HK-103X	C CAPACITOR	1000PF 10X 50V	
C 5210	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C 5301	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V	
C 5302	QER41HM-225	E CAPACITOR	2.2MF 20X 50V	
C 5303	QER41HM-225	E CAPACITOR	2.2MF 20X 50V	
C 5304	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
C 5307	QER41CM-476	E CAPACITOR	4.7MF 20X 16V	
C 5308	QER41CM-226	E CAPACITOR	22MF 20X 16V	
C 5309	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
C 5311	NCS21HK-103X	C CAPACITOR	1000PF 10X 50V	
C 5312	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V	
C 5313	NCF21H2-104X	C CAPACITOR	-10MF +80:-20X	
C 5901	QER41HM-475	E CAPACITOR	4.7MF 20X 25V	
C 5902	QER41CM-107	E CAPACITOR	100MF 20X 16V	
C 5903	QER41CM-476	E CAPACITOR	4.7MF 20X 16V	
C 8001	QER41HM-107	E CAPACITOR	100MF 20X 10V	
C 8002	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V	
C 8201	NCS21HK-223X	C CAPACITOR	-022MF 10X 50V	
C 8202	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
D 1	1SS133-T2	DIODE		
D 2	1SS133-T2	DIODE		
D 3	1SS133-T2	DIODE		
D 4	1SS133-T2	DIODE		
D1801	QD00079-001	LCD MODULE		
D5301	MTJ33-38-T2	ZENER DIODE 1/M		
D5302	1SS133-T2	DIODE		
D5303	1SS133-T2	DIODE		
D5304	1SS133-T2	DIODE		
D5901	MTJ33-98-T2	Z DIODE		
D5902	1SS133-T2	DIODE		
D5903	1SS133-T2	DIODE		
D5905	MTJ33-1A-T2	ZENER DIODE	CT	
D5906	1SS133-T2	DIODE	CT	
D8001	SPR-39MVMF	LED	RED	
D8003	1SS133-T2	DIODE		
D8301	TLVH156P	LED		
D8302	TLVH156P	LED		
D8303	TLVH156P	LED		
EP501	QNF0150-001Z	EARTH PLATE		
IC 1	TA5057N	IC		
IC 2	LC72136N	IC		
IC 4	BU1923	IC(RDS)		
IC 4	BU1923	IC(RDS)		
IC531	BA1521BF-XE	IC	V5R/E EE EN EV	

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
IC801	RRH6938-V4	RM-RECEIVER	AM/FM ANT COAX	
J 1	QNB0014-001	ANT TERMINAL	V5R/E EN EV B	
J3004	QNS0032-001	JACK	V5R/EE	
J5301	QNN0306-001	4PIN JACK ASSY	V57A	
J5301	QNN0199-001	4PIN JACK ASSY	V57A	
J5301	QNN0306-001	4PIN JACK ASSY	V57A	
J5701	GP1F32T	OPTICAL JACK		
K3106	QGR0779-0012	INDUCTOR		
K3206	QGR0779-0012	INDUCTOR		
K5301	QGR0779-0012	INDUCTOR		
K5302	QGR0779-0012	INDUCTOR		
K5303	QGR0779-0012	INDUCTOR		
L 1	QGR0870-001	COIL BLOCK	MW/LW RF/OSC	
L 4	QGL231K-221Y	INDUCTOR		
L 5	QGL231K-101Y	INDUCTOR	V5R/E EE EN EV	
L 5	QGL231K-101Y	INDUCTOR	V5R/B	
L 10	QGR0794-001	TRAP COIL	V5R/E EN EV B	
L 10	QGR0794-001	TRAP COIL	V57A	
L 11	QGL231K-287Y	INDUCTOR		
L 12	QGL231K-487Y	INDUCTOR	V57A	
L 12	QGL231K-487Y	INDUCTOR	V5R/E EN EV B	
LF511	QGR0590-001	FILTER		
LF521	QGR0590-001	FILTER		
L3106	QGL231K-470Y	INDUCTOR		
L3206	QGL231K-470Y	INDUCTOR		
L3301	QGL298J-470Z	INDUCTOR	FTZ	
PP331	QZM0007-001	POST PIN		
PP332	QZM0007-001	POST PIN		
PP333	QZM0007-001	POST PIN		
Q 1	25C2668/07-T	TRANSISTOR		
Q 2	DTA114YKA-X	TRANSISTOR		
Q 3	KTC3199/GL/-T	TR I/M		
Q 4	KTC3199/GL/-T	TR I/M		
Q 6	DTA114YKA-X	TRANSISTOR		
Q 7	25A1037AK/R/-X	CHIP TR.C.M		
Q 8	25A1037AK/R/-X	CHIP TR.C.M		
Q 14	25A1037AK/R/-X	CHIP TR.C.M		
Q5101	25D2114K/VW/-X	CHIP TR.C.M		
Q5102	25D2114K/VW/-X	CHIP TR.C.M		
Q5103	25C2412K/R/-X	TRANSISTOR		
Q5104	25C2412K/R/-X	TRANSISTOR	CT	
Q5106	25C2412K/R/-X	TRANSISTOR	W/O A5MD	
Q5201	25D2114K/VW/-X	CHIP TR.C.M		
Q5202	25D2114K/VW/-X	CHIP TR.C.M		
Q5203	25C2412K/R/-X	TRANSISTOR		
Q5204	25C2412K/R/-X	TRANSISTOR	CT	
Q5206	25C2412K/R/-X	TRANSISTOR	W/O A5MD	
Q5301	DTA143EKA-X	TRANSISTOR		
Q5302	DTA143EKA-X	TRANSISTOR		
Q5303	DTA143EKA-X	DIGITAL-TR	CT	
Q5308	DTA114EKA-X	DIGITAL-TR		
Q5901	25A1037AK/R/-X	CHIP TR.C.M	W/O A5MD	
Q5902	25C2412K/R/-X	TRANSISTOR		
Q5903	25D468/BC/-T	TRANSISTOR	CT	

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
Q8001	DTCL14TKA-X	TRANSISTOR		
R 1	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 2	NRSA02J-820X	MG RESISTOR	82 5X 1/10W	
R 3	NRSA02J-121X	MG RESISTOR	V5R/EE	
R 3	NRSA02J-560X	MG RESISTOR	V57A	
R 3	NRSA02J-560X	MG RESISTOR	V5R/E EN EV B	
R 10	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R 12	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 13	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R 15	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 16	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 20	NRSA02J-331X	MG RESISTOR	330 5X 1/10W	
R 21	NRSA02J-224X	MG RESISTOR	220K 5X 1/10W	
R 22	NRSA02J-331X	MG RESISTOR	330 5X 1/10W	
R 23	NRSA02J-100X	MG RESISTOR	10 5X 1/10W	
R 24	NRSA02J-271X	MG RESISTOR	270 5X 1/10W	
R 25	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R 26	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 27	NRSA02J-223X	RES. C.M	22K 5X 1/10W	
R 29	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R 30	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 31	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 34	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
R 35	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
R 36	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 37	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
R 38	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
R 39	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
R 42	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 43	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 44	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 45	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 46	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R 48	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 52	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
R 53	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
R 55	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 56	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R 57	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 60	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 61	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 65	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 66	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 68	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R 69	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 74	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R 75	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 76	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
R 76	NRSA02J-102X	RES. C.M	V5R/B	
R 80	NRSA02J-222X	MG RESISTOR	V5R/B	
R 80	NRSA02J-222X	MG RESISTOR	V5R/E EE EN EV	
R 82	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
R 82	NRSA02J-102X	RES. C.M	V5R/B	
R 83	NRSA02J-102X	RES. C.M	V5R/B	
R 83	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	

BLOCK NO. 02					BLOCK NO. 02				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R 84	NRSA02J-103X	RES. C.M	V5R/E EE EN EV		R5302	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W	
R 84	NRSA02J-103X	RES. C.M	V5R/B		R5303	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R3106	NRSA02J-151X	MG RESISTOR	150 5% 1/10W		R5304	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R3107	NRSA02J-471X	RES. C.M	470 5% 1/10W		R5305	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R3206	NRSA02J-151X	MG RESISTOR	150 5% 1/10W		R5306	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
R3207	NRSA02J-471X	RES. C.M	470 5% 1/10W		R5311	NRSA02J-750X	RES. C.M	75 5% 1/10W	
R5101	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W		R5312	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
R5102	NRSA02J-733X	MG RESISTOR	27K 5% 1/10W		R5313	NRSA02J-513X	MG RESISTOR	51K 5% 1/10W	
R5103	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R5314	NRSA02J-223X	RES. C.M	22K 5% 1/10W	
R5104	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R5901	NRSA02J-390X	MG RESISTOR	39 5% 1/10W	
R5105	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R5902	NRSA02J-332X	MG RESISTOR	33K 5% 1/10W	
R5106	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R5903	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
R5107	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W		R5904	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5108	NRSA02J-682X	MG RESISTOR	6.8K 5% 1/10W		R5905	NRSA02J-471X	RES. C.M	470 5% 1/10W	
R5109	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R5906	NRSA02J-471X	RES. C.M	470 5% 1/10W	
R5110	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W		R5907	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
R5111	NRSA02J-123X	RES. C.M	12K 5% 1/10W		R5908	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R5112	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W		R8001	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5113	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R8002	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5114	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R8003	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W	
R5115	NRSA02J-103X	RES. C.M	10K 5% 1/10W		R8004	NRSA02J-152X	MG RESISTOR	1.5K 5% 1/10W	
R5116	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W		R8005	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R5122	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		R8006	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W	
R5123	NRSA02J-154X	RES. C.M	15K 5% 1/10W		R8007	NRSA02J-392X	MG RESISTOR	3.9K 5% 1/10W	
R5124	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W		R8010	NRSA02J-681X	MG RESISTOR	680 5% 1/10W	
R5125	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W		R8011	GRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
R5126	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		R8201	NRSA02J-432X	RES. C.M	4.3K 5% 1/10W	
R5127	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R8301	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R5128	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R8302	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R5129	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W		R8303	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R5201	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R8304	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R5202	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W		R8305	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R5203	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R8306	NRSA02J-821X	MG RESISTOR	820 5% 1/10W	
R5204	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W		R8307	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5205	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W		R8308	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5206	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R8309	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W	
R5207	NRSA02J-122X	MG RESISTOR	1.2K 5% 1/10W		R8001	GSW0698-001Z	TACT SWITCH	DOOR OP/CL	
R5208	NRSA02J-482X	MG RESISTOR	4.8K 5% 1/10W		R8002	GSW0698-001Z	TACT SWITCH	CD	
R5209	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R8003	GSW0698-001Z	TACT SWITCH	TUNER	
R5210	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W		R8004	GSW0698-001Z	TACT SWITCH	TAPE	
R5211	NRSA02J-123X	RES. C.M	12K 5% 1/10W		R8005	GSW0698-001Z	TACT SWITCH	MD/AUX	
R5212	NRSA02J-472X	RES. C.M	4.7K 5% 1/10W		R8006	GSW0698-001Z	TACT SWITCH	B-SEARCH	
R5213	NRSA02J-153X	MG RESISTOR	15K 5% 1/10W		R8007	GSW0698-001Z	TACT SWITCH	STOP/CLR	
R5214	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		R8008	GSW0698-001Z	TACT SWITCH	F-SEARCH	
R5215	NRSA02J-103X	RES. C.M	10K 5% 1/10W		R8010	GSW0698-001Z	TACT SWITCH	POWER	
R5216	NRSA02J-753X	MG RESISTOR	75K 5% 1/10W		S8101	GSW0620-001	SWITCH		
R5222	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		S8102	GSW0620-001	SWITCH		
R5223	NRSA02J-154X	RES. C.M	15K 5% 1/10W		T 1	QBR0793-001	IFT		
R5224	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W		TU 1	GAU0034-001	FRONT END	V5R/E EN EV B	
R5225	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W		TU 1	GAU0034-001	FRONT END	V5/A	
R5226	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		TU 1	GAU0036-001	FRONT END	V5R/EE	
R5227	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		X 1	GAX0402-001	CRYSTAL	V5R/B	
R5228	NRSA02J-182X	MG RESISTOR	1.8K 5% 1/10W		X 2	GAX0263-001Z	CRYSTAL	V5R/E EE EN EV	
R5301	NRSA02J-822X	MG RESISTOR	8.2K 5% 1/10W						

Micon Board

BLOCK NO. 03						BLOCK NO. 04					
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN701	QGF1201F3-13	CONNECTOR	TO CD PWB			L7202	QGL01BK-100Z	INDUCTOR	AVDD		
CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB			P7701	Q2W0007-001	POST PIN			
CN707	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB			P7702	Q2W0007-001	POST PIN			
CN711	QGF1016C1-07	CONNECTOR	TO FKEY PWB			Q7001	2SC2668/0/-T	TRANSISTOR	CLOCK SHIFT		
CN712	QGF1008F1-11	CONNECTOR	TO LCD PWB			Q7002	2SC2668/0/-T	TRANSISTOR	CLOCK SHIFT		
CN714	QGA2001C1-03	3P PLUG ASSY	TO DOOR-SW PWB			Q7301	2SC2412K/R/-X	TRANSISTOR	BACKUP CONT		
CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB			Q7311	2SC2412K/R/-X	TRANSISTOR	RESET		
CN772	QGB1214J1-12S	CONNECTOR	TO MAIN PWB			Q7321	2SA1037AK/R/-X	CHIP TR.C.M	SW5V		
C7001	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V			Q7811	2SC2412K/R/-X	TRANSISTOR	PHOTO BUFFER		
C7002	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V			Q7821	DT114EKA-X	TR	BL DIMMER		
C7003	NCS21HJ-390X	C CAPACITOR	39PF 5X 50V			Q7822	2SA933S/RS/-T	TRANSISTOR	BL DIMMER		
C7004	NCS21HJ-360X	C CAPACITOR	36PF 5X 50V			R7001	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W		
C7005	NCS21HJ-220X	C CAPACITOR	22PF 5X 50V			R7002	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W		
C7006	NCS21HJ-200X	C CAPACITOR	20PF 5X 50V			R7003	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
C7007	NCS21HK-102X	C CAPACITOR	1000PF 10X 50V			R7004	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
C7008	NCS21HK-102X	C CAPACITOR	1000PF 10X 50V			R7005	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7011	QER41AM-107	E CAPACITOR	1000PF 20X 10V			R7101	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7012	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V			R7102	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7013	NCF21H2-104X	C CAPACITOR	-10MF +80/-20X			R7103	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7108	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V			R7104	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7109	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V			R7105	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7121	NCS21HJ-101X	C CAPACITOR	V5R/E EE EN EV			R7106	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7121	NCS21HJ-101X	C CAPACITOR	V5R/B			R7107	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7122	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V			R7108	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7123	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V			R7109	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7124	NCS21HJ-101X	C CAPACITOR	V5R/E EE EN EV			R7110	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7124	NCS21HJ-101X	C CAPACITOR	V5R/B			R7111	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7125	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V			R7112	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7126	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V			R7113	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7201	QER61CM-107Z	E.CAPA. I.M	100MF 20X 16V			R7114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7202	QFN41HJ-104	M CAPACITOR	-10MF 5X 50V			R7115	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7311	QER41HM-475	E CAPACITOR	4.7MF 20X 50V			R7116	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7312	QER41HM-225	E CAPACITOR	2.2MF 20X 50V			R7117	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7321	QE10229-479Z	EDL.CAPACITOR	47000MF			R7118	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20X 50V			R7119	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7802	QER41HM-225	E CAPACITOR	2.2MF 20X 50V			R7120	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7803	QER41HM-105	E CAPACITOR	1.0MF 20X 50V			R7121	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7804	QER41HM-225	E CAPACITOR	2.0MF 20X 50V			R7122	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7805	QER41HM-105	E CAPACITOR	1.0MF 20X 50V			R7123	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
C7811	NCS21HK-103X	C CAPACITOR	-010MF 10X 50V			R7124	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
D7001	1SS133-T2	DIODE	CLOCK			R7125	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
D7201	1SS133-T2	DIODE	US6V2			R7126	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
D7202	1SS133-T2	DIODE	US5V			R7127	NRSA02J-102X	RES. C.M	V5R/E EE EN EV		
D7203	1SS133-T2	DIODE	LCDSV			R7127	NRSA02J-102X	RES. C.M	V5R/B		
D7204	1SS133-T2	DIODE	BU5V			R7128	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
D7205	MTZJB-2B-T2	DIODE	US6V2			R7129	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
D7301	MTZJ5-1C-T2	ZENER DIODE	BUCKUP			R7130	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
D7311	1SS133-T2	DIODE	RESET			R7131	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
D7321	1SS133-T2	DIODE	BU5V			R7132	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
IC701	UPD78056GC-A29	IC	SYSTEM MICON			R7133	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
IC702	KIA78S06P-T	IC	US6V REG			R7134	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
K7201	QAR0601-001Z	F-BEADS I.M	ICVSS			R7135	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
K7202	QAR0601-001Z	F-BEADS I.M	AVSS			R7136	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
K7203	QAR0601-001Z	F-BEADS I.M	FKEY			R7136	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
L7201	QGL01BK-100Z	INDUCTOR	VDD			R7137	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W		
						R7138	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		

BLOCK NO. 03					BLOCK NO. 03				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
X7002	8AX0410-001	CERA LOCK	MAIN CK(4.19MHZ		R7139	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7140	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
					R7141	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
					R7142	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
					R7143	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
					R7144	NRSA02J-333X	MG RESISTOR	2.2K 5X 1/10W	
					R7145	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7146	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7147	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7148	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7149	NRSA02J-102X	RES. C.M	V5R/B	
					R7149	NRSA02J-102X	RES. C.M	V5R/E EE EN EV	
					R7150	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
					R7151	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7152	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7153	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7154	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7155	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7156	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
					R7301	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
					R7302	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
					R7303	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
					R7304	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
					R7311	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7312	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7313	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7314	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
					R7315	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7321	NRSA02J-331X	MG RESISTOR	330 5X 1/10W	
					R7322	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7401	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7402	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7403	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7404	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7405	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7406	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7407	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7408	NRSA02J-273X	MG RESISTOR	V5R/EE EN EV B	
					R7408	NRSA02J-153X	MG RESISTOR	V5R/EE V5/A	
					R7409	NRSA02J-153X	MG RESISTOR	V5R/EE V5/A	
					R7410	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7411	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7801	NRSA02J-114X	RES. C.M	110K 5X 1/10W	
					R7802	NRSA02J-114X	RES. C.M	110K 5X 1/10W	
					R7803	NRSA02J-683X	MG RESISTOR	68K 5X 1/10W	
					R7804	NRSA02J-103X	MG RESISTOR	1.0K 5X 1/10W	
					R7805	NRSA02J-683X	MG RESISTOR	68K 5X 1/10W	
					R7811	NRSA02J-823X	MG RESISTOR	82K 5X 1/10W	
					R7812	NRSA02J-394X	RES. C.M	390K 5X 1/10W	
					R7813	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
					R7821	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
					R7822	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
					R7823	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
					R7824	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
X7001	8AX0401-001	CRYSTAL	CLOCK(36.678KHZ						

CD Board

BLOCK NO. 04				REMARKS		SUFFIX	
A	REF.	PARTS NO.	PARTS NAME	REMARKS		SUFFIX	
C6001	GGF1201F3-13	CONNECTOR	CONNECTOR	V3/V5/V9/A1/A5			
C6002	GGF1201F3-10	CONNECTOR	CONNECTOR	V3/V5/V9/A1/A5			
C6003	GGF1004F2-18	3P CONNECTOR	EPC CONNECTOR				
C6004	OGA2501C1-03	3P CONNECTOR	W TO B CONNE	RED			
C6005	OGA1501C3-02	W TO B CONNE	W TO B CONNE	BLUE			
C6006	OGA1501C4-02	CONNECTOR	CONNECTOR	WHITE			
C6007	VMC0199-902V	E CAPACITOR	E CAPACITOR	100PF 20X 6.3V			
C6008	GER40JM-107	E CAPACITOR	E CAPACITOR	10MF 20X 16V			
C6009	GER41CM-106	E CAPACITOR	E CAPACITOR				
C6010	NGC21HJ-3R5X	C CAPACITOR	C CAPACITOR				
C6011	NCB21HK-331X	C CAPACITOR	C CAPACITOR	330PF 5X 50V			
C6012	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6013	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6014	GER41HM-105	E CAPACITOR	E CAPACITOR	1.0MF 20X 50V			
C6015	NCB21HJ-101X	C CAPACITOR	C CAPACITOR	100PF 5X 50V			
C6016	NCB21HK-273X	C CAPACITOR	C CAPACITOR	.027MF 10X 50V			
C6017	NCB21HK-223X	C CAPACITOR	C CAPACITOR	2200PF 10X 50V			
C6018	NCB21HK-103X	C CAPACITOR	C CAPACITOR	.010MF 10X 50V			
C6019	NCB21EK-104X	C CAPACITOR	C CAPACITOR	.010MF 10X 25V			
C6020	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6021	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6022	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6023	NCB21HK-223X	C CAPACITOR	C CAPACITOR	2200PF 10X 50V			
C6024	NCB21HJ-271X	C CAPACITOR	C CAPACITOR	270PF 5X 50V			
C6025	NCB21HJ-181X	C CAPACITOR	C CAPACITOR	180PF 5X 50V			
C6026	NCB21HJ-821X	C CAPACITOR	C CAPACITOR	820PF 5X 50V			
C6027	GER40JM-4742	E CAPACITOR	E CAPACITOR	4.7MF 20X 6.3V			
C6028	NCB21EK-104X	C CAPACITOR	C CAPACITOR	.010MF 10X 25V			
C6029	NCB21EK-473X	C CAPACITOR	C CAPACITOR	.047MF 10X 25V			
C6030	GER40JM-107	E CAPACITOR	E CAPACITOR	100MF 20X 6.3V			
C6031	GER41AM-227	E CAPA. I-M	E CAPA. I-M	220MF 20X 10V			
C6032	GER40JM-107	E CAPACITOR	E CAPACITOR	100MF 20X 6.3V			
C6033	NCB21HJ-150X	C CAPACITOR	C CAPACITOR				
C6034	NCB21HK-223X	C CAPACITOR	C CAPACITOR				
C6035	NCB21EK-473X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6036	NCB21HJ-6R0X	C CAPA. C-M	C CAPA. C-M	6.0PF 5X 50V			
C6037	NCB21HJ-471X	C CAPACITOR	C CAPACITOR	470PF 5X 50V			
C6038	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6039	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6040	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6041	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6042	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6043	NCB21HK-334X	C CAPACITOR	C CAPA. C-M	.33MF 10X 16V			
C6044	NCB21HK-222X	C CAPACITOR	C CAPACITOR	2200PF 10X 50V			
C6045	NCB21HK-222X	C CAPACITOR	C CAPACITOR	2200PF 10X 50V			
C6046	GER41AM-227	E CAPA. I-M	E CAPA. I-M	220MF 20X 10V			
C6047	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6048	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6049	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6050	NCB21AM-227	E CAPA. I-M	E CAPA. I-M	220MF 20X 10V			
C6051	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6052	NCB21EK-104X	C CAPACITOR	C CAPACITOR	.010MF 10X 25V			
C6053	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6054	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6055	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6056	NCB21EK-104X	C CAPACITOR	C CAPACITOR	.010MF 10X 25V			
C6057	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6058	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6059	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6060	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6061	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6062	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6063	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6064	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6065	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6066	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6067	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6068	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6069	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6070	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6071	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6072	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6073	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6074	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6075	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6076	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6077	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6078	NCB21AM-227	E CAPA. I-M	E CAPA. I-M	220MF 20X 10V			
C6079	NCB21AM-227	E CAPA. I-M	E CAPA. I-M	220MF 20X 10V			
C6080	NCB21HK-223X	C CAPACITOR	C CAPACITOR	.022MF 10X 50V			
C6081	NCB21EK-104X	C CAPACITOR	C CAPACITOR	.010MF 10X 25V			
C6082	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6083	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6084	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6085	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6086	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6087	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6088	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6089	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6090	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6091	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6092	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6093	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6094	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6095	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6096	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6097	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			
C6098	NCB21HK-102X	C CAPACITOR	C CAPACITOR	1000PF 10X 50V			

BLOCK NO. 05						
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	
	C6099	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V		
	C6100	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V		
	C6101	NCB21HJ-151X	C CAPACITOR	150PF 5X 50V		
	C6102	NCB21HJ-151X	C CAPACITOR	150PF 5X 50V		
	C6103	NCB21HJ-151X	C CAPACITOR	150PF 5X 50V		
	D6061	1S3355-X	DIODE C-M	150PF 5X 50V		
	D6062	1S3355-X	DIODE C-M	150PF 5X 50V		
	D6063	1S3355-X	DIODE C-M	150PF 5X 50V		
	IC601	AN88068B-W	IC C-M	150PF 5X 50V		
	IC602	BA6897FP-W	IC			
	IC603	MN35510	IC			
	K6051	QGR0779-001Z	INDUCTOR			
	G6001	2SA1037AK/R/-X	CHIP TR.C-M			
	G6031	2SA952LK/-T	TRANSISTOR			
	R6001	NRSA02J-123X	MG RESISTOR	12K 5X 1/10W		
	R6002	NRSA02J-225X	MG RESISTOR	2.2M 5X 1/10W		
	R6003	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		
	R6005	NRSA02J-124X	MG RESISTOR	120K 5X 1/10W		
	R6006	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		
	R6007	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W		
	R6009	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
	R6010	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W		
	R6012	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		
	R6013	NRSA02J-121X	MG RESISTOR	120 5X 1/10W		
	R6014	NRSA02J-100X	MG RESISTOR	10 5X 1/10W		
	R6015	NRSA02J-120X	MG RESISTOR	12 5X 1/10W		
	R6016	NRSA02J-910X	RES. C-M	91 5X 1/10W		
	R6021	NRSA02J-101X	MG RESISTOR	100 5X 1/10W		
	R6022	NRSA02J-101X	MG RESISTOR	100 5X 1/10W		
	R6023	NRSA02J-101X	MG RESISTOR	100 5X 1/10W		
	R6024	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W		
	R6025	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W		
	R6026	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
	R6027	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
	R6028	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
	R6029	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
	R6031	NRSA02J-331X	MG RESISTOR	330 5X 1/10W		
	R6032	NRSA02J-101X	MG RESISTOR	100 5X 1/10W		
	R6041	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W		
	R6042	NRSA02J-183X	MG RESISTOR	18K 5X 1/10W		
	R6043	NRSA02J-272X	MG RESISTOR	2.7K 5X 1/10W		
	R6044	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W		
	R6045	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
	R6046	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W		
	R6047	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W		
	R6051	NRSA02J-102X	RES. C-M	1.0K 5X 1/10W		
	R6052	NRSA02J-102X	RES. C-M	1.0K 5X 1/10W		
	R6053	NRSA02J-102X	RES. C-M	1.0K 5X 1/10W		
	R6054	NRSA02J-102X	RES. C-M	1.0K 5X 1/10W		
	R6055	NRSA02J-102X	RES. C-M	1.0K 5X 1/10W		
	R6056	NRSA02J-OROX	RES. C-M	5X 1/10W		
	R6057	NRSA02J-OROX	RES. C-M	5X 1/10W		
	R6058	NRSA02J-OROX	RES. C-M	5X 1/10W		
	R6059	NRSA02J-OROX	RES. C-M	5X 1/10W		

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R6060	NPSA02J-471X	RES. C.M	470 5X 1/10W	
R6061	NPSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R6063	NPSA02J-124X	MG RESISTOR	120K 5X 1/10W	
R6064	NPSA02J-681X	MG RESISTOR	680 5X 1/10W	
R6066	NPSA02J-220X	MG RESISTOR	22 5X 1/10W	
R6067	NPSA02J-220X	MG RESISTOR	22 5X 1/10W	
R6068	NPSA02J-220X	MG RESISTOR	22 5X 1/10W	
R6069	NPSA02J-155X	MG RESISTOR	1.5M 5X 1/10W	
R6071	NPSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R6072	NPSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R6076	NPSA02J-OROX	RES. C.M	5X 1/10W	
R6080	NPSA02J-OROX	RES. C.M	5X 1/10W	
R6081	NPSA02J-OROX	RES. C.M	5X 1/10W	
R6121	NPSA02J-101X	MG RESISTOR	100 5X 1/10W	
W 814	QJK018-031203	SIN CR C-B WIRE		
W 815	QJL006-021302	SIN CR B-B WIRE		
W3004	QJK017-052600	SIN CR C-B WIRE		
W3551	QJP003-042401	SHI CR C-B WIRE		
W5501	QJK018-020802	SIN CR C-B WIRE		
X6051	9AX0413-0012	CRYSTAL		







BLOCK NO. 05

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R3222	GRE141J-224Y	C RESISTOR	220K 5% 1/4W	
R3223	GRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
R3224	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
R3225	GRE141J-123Y	C RESISTOR	12K 5% 1/4W	
R3226	GRE141J-153Y	C RESISTOR	15K 5% 1/4W	
R3227	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3228	GRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
R3229	GRE141J-223Y	C RESISTOR	22K 5% 1/4W	
R3230	GRE141J-223Y	C RESISTOR	22K 5% 1/4W	
R3231	GRE141J-103Y	C RESISTOR	10K 5% 1/4W	
R3232	GRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
R3233	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
R3234	GRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
R3235	GRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
R3236	GRE141J-151Y	C RESISTOR	150 5% 1/4W	
R3237	GRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
R3238	GRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
R3239	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3240	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3241	GRE141J-154Y	C RESISTOR	150K 5% 1/4W	
R3242	GRE141J-124Y	C RESISTOR	120K 5% 1/4W	
R3243	GRE141J-223Y	C RESISTOR	22K 5% 1/4W	
R3244	GRE141J-513Y	C RESISTOR	51K 5% 1/4W	
R3245	GRE141J-151Y	C RESISTOR	150 5% 1/4W	
R3246	GRE141J-151Y	C RESISTOR	150 5% 1/4W	
R3247	GRE141J-124Y	C RESISTOR	120K 5% 1/4W	
R3248	GRE141J-154Y	C RESISTOR	150K 5% 1/4W	
R3249	GRE141J-124Y	C RESISTOR	120K 5% 1/4W	
R3250	GRE141J-151X	C RESISTOR	150 5% 1/4W	
R3251	GRE141J-153Y	C RESISTOR	15K 5% 1/4W	
R3252	GRE141J-473Y	C RESISTOR	47K 5% 1/4W	
R3253	GRE141J-183Y	C RESISTOR	18K 5% 1/4W	
R3254	GRE141J-100Y	C RESISTOR	10 5% 1/4W	
R3255	GRE141J-100Y	C RESISTOR	10 5% 1/4W	
R3256	GRE141J-100Y	C RESISTOR	1.2 5% 1/4W	
R3257	GRE141J-182Y	C RESISTOR	1.2 5% 1/4W	
R3258	GRE141J-182Y	C RESISTOR	1.2 5% 1/4W	
R3259	GRE141J-471Y	C RESISTOR	470 5% 1/4W	
R3260	GRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
R3261	GRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
R3262	GRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
R3263	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
R3264	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3265	GRE141J-471Y	C RESISTOR	470 5% 1/4W	
R3266	GRE141J-681Y	C RESISTOR	680 5% 1/4W	
R3267	GRE141J-681Y	C RESISTOR	680 5% 1/4W	
R3268	GRE141J-681Y	C RESISTOR	680 5% 1/4W	
R3269	GRE141J-681Y	C RESISTOR	680 5% 1/4W	
R3270	GRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
R3271	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
R3272	GRE141J-223Y	C RESISTOR	22K 5% 1/4W	
R3273	GRE141J-103Y	C RESISTOR	10K 5% 1/4W	
R3274	GRE141J-561Y	C RESISTOR	560 5% 1/4W	

BLOCK NO. 05

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
J3001	QNA0016-001	DC JACK	V3/EN ONLY	
K3801	QNR0779-001Z	INDUCTOR	FTZ	
LC311	QNR0797-002	INDUCTOR	FTZ	
LF361	QNR0799-001	INDUCTOR		
L3601	QNL235K-221Z	INDUCTOR		
Q1901	2SA1359/01V	TRANSISTOR	CD6V	
Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V	
Q3101	2SD2144S/VW/-T	TRANSISTOR I/M		
Q3131	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
Q3131	2SC2785/FE/-T	TR I/M	V3/EE	
Q3201	2SD2144S/VW/-T	TRANSISTOR I/M		
Q3231	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
Q3231	2SC2785/FE/-T	TR I/M	V3/EE	
Q3301	KRA101M-T	TR I/M		
Q3801	2SC2785/FE/-T	TR I/M	V3/EE	
Q3801	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
Q3901	2SB941/P	TRANSISTOR	V3/EE	
Q3902	2SA175/HFE/-T	TRANSISTOR	V3/EE	
Q3902	KTA1267/YG/-T	TRANSISTOR	V3/E EE EN B A	
Q3903	KTC3199/GL/-T	TR I/M	V3/EE	
Q3903	2SC2785/FE/-T	TR I/M	V3/EE	
Q3904	KRC114M-T	TR I.M		
Q3905	DTA144TSA-T	D.TRANSISTOR		
Q3906	2SC2785/FE/-T	TR I/M	V3/EE	
Q3906	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
Q3931	2SC2001/LK/-T	TRANSISTOR		
Q3951	2SB562/BC/-T	TR I/M	V3/EE	
Q3952	2SC2785/FE/-T	TR I/M	V3/EE	
Q3952	KTC3199/GL/-T	TR I/M	V3/E EE EN B A	
R1902	GRE141J-181Y	C RESISTOR	180 5% 1/4W	
R1903	GRE141J-103Y	C RESISTOR	10K 5% 1/4W	
R1904	GRE141J-103Y	C RESISTOR	10K 5% 1/4W	
R1922	GRZ9006-4R7X	F RESISTOR	4.7 1/0W	
R3001	GRE141J-103Y	C RESISTOR	10K 5% 1/4W	
R3102	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3104	GRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
R3105	GRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
R3122	GRE141J-224Y	C RESISTOR	220K 5% 1/4W	
R3123	GRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
R3124	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
R3125	GRE141J-123Y	C RESISTOR	12K 5% 1/4W	
R3127	GRE141J-153Y	C RESISTOR	15K 5% 1/4W	
R3128	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3129	GRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
R3131	GRE141J-223Y	C RESISTOR	22K 5% 1/4W	
R3132	GRE141J-223Y	C RESISTOR	22K 5% 1/4W	
R3133	GRE141J-103Y	C RESISTOR	10K 5% 1/4W	
R3152	GRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
R3153	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
R3155	GRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
R3156	GRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
R3202	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
R3204	GRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	
R3205	GRE141J-2R2Y	C RESISTOR	2.2 5% 1/4W	

Function/Tuner Board

BLOCK NO. 05					BLOCK NO. 06				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R3921	QRE141J-103Y	F RESISTOR	4.7 1/0W		C 1	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
R3922	QRE141J-103Y	C RESISTOR	1.0K 5X 1/4W		C 2	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
R3923	QRE141J-103Y	C RESISTOR	1.0K 5X 1/4W		C 3	NCB21HK-473X	C CAPACITOR	.047MF 10X 25V	
R3924	QRE141J-103Y	C RESISTOR	1.0K 5X 1/4W		C 4	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
R5501	QRE141J-103Y	C RESISTOR	1.0K 5X 1/4W		C 5	QEK41CM-106	E CAPACITOR	10MF 20X 16V	
R5502	QRE141J-103Y	C RESISTOR	1.0K 5X 1/4W		C 6	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5503	QRE141J-122Y	C RESISTOR	1.2K 5X 1/4W		C 7	NCS21HJ-102X	C CAPACITOR	1000PF 5X 50V	
R5504	QRE141J-152Y	C RESISTOR	1.5K 5X 1/4W		C 8	NCS21HJ-150X	C CAPACITOR	15PF 5X 50V	
R5505	QRE141J-222Y	C RESISTOR	2.2K 5X 1/4W		C 9	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5506	QRE141J-272Y	C RESISTOR	2.7K 5X 1/4W		C 11	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R5507	QRE141J-392Y	C RESISTOR	3.9K 5X 1/4W		C 12	NDC21HJ-150X	C CAPACITOR		
R5508	QRE141J-562Y	C RESISTOR	5.6K 5X 1/4W		C 13	NCB21HK-473X	C CAPACITOR	.047MF 10X 25V	
R9701	QW0698-4R7X	F RESISTOR	4.7 1/0W		C 14	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
S5501	QW0698-001Z	TACT SWITCH	REC		C 15	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
S5502	QW0698-001Z	TACT SWITCH	REV. MODE		C 16	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
S5503	QW0698-001Z	TACT SWITCH	SLEEP		C 17	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
S5504	QW0698-001Z	TACT SWITCH	CLOCK		C 18	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
S5505	QW0698-001Z	TACT SWITCH	TIMER		C 19	NCB21HK-122X	C CAPACITOR	1200PF 10X 50V	
S5506	QW0698-001Z	TACT SWITCH	VOL. UP		C 21	NCB21HK-473X	C CAPACITOR	.047MF 10X 25V	
S5507	QW0698-001Z	TACT SWITCH	VOL. DOWN		C 30	QEK41CM-476Z-JB	E CAPACITOR	47MF 20X 16V	
S5508	QW0698-001Z	TACT SWITCH	AHB		C 31	NCS21HJ-390X	C CAPACITOR	39PF 5X 50V	
W3303	QJK019-030703	SIN CR C-B WIRE	V3/EN ONLY		C 32	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
Z1901	QNG0020-001Z	FUSE CLIP	FOR F1901		C 33	QEK61AM-107Z-JB	E CAPACITOR	100MF 20X 10V	
Z1902	QNG0020-001Z	FUSE CLIP	FOR F1901		C 34	NCS21HJ-150X	C CAPACITOR	15PF 5X 50V	
Z1903	QNG0020-001Z	FUSE CLIP	FOR F1902		C 35	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
Z1904	QNG0020-001Z	FUSE CLIP	FOR F1902		C 36	QEK41CM-106	E CAPACITOR	V3/EN	
Z1905	QNG0020-001Z	FUSE CLIP	V3/EN ONLY		C 37	QEK41CM-106	E CAPACITOR	V3/EE EN B A	
Z1906	QNG0020-001Z	FUSE CLIP	V3/EN ONLY		C 39	NCB21HK-473X	C CAPACITOR	.047MF 10X 25V	
Z1907	QNG0020-001Z	FUSE CLIP	V3/EN ONLY		C 40	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
Z1908	QNG0020-001Z	FUSE CLIP	V3/EN ONLY		C 41	QEK61HM-104Z-JB	E CAPACITOR	.10MF 20X 50V	
					C 42	QEK61HM-474Z-JB	E CAPACITOR	.47MF 20X 50V	
					C 43	QEK61HM-335Z-JB	E CAPACITOR	3.3MF 20X 50V	
					C 44	NCS21HJ-221X	E CAPACITOR	220PF 5X 50V	
					C 45	QEK41CM-106	E CAPACITOR	V3/EE EN B A	
					C 46	QEK41CM-106	E CAPACITOR	V3/EN	
					C 47	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
					C 49	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
					C 50	NCB21HK-183X	C CAPACITOR	.018MF 10X 50V	
					C 51	QEK61HM-105	E CAPACITOR	.018MF 10X 50V	
					C 52	QEK61HM-105	E CAPACITOR	V3/EE EN B A	
					C 53	QEK61HM-105	E CAPACITOR	V3/EE EN B A	
					C 54	NCB21HK-681X	C CAPACITOR	680PF 10X 50V	
					C 60	QEK61AM-107Z-JB	E CAPACITOR	100MF 20X 10V	
					C 61	NCS21HJ-120X	C CAPACITOR	12PF 5X 50V	
					C 62	NCS21HJ-120X	C CAPACITOR	12PF 5X 50V	
					C 63	NCB21HK-473X	C CAPACITOR	.047MF 10X 25V	
					C 65	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
					C 66	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
					C 67	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
					C 68	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
					C 69	QEK61HM-225Z-JB	E CAPACITOR	2.2MF 20X 50V	

BLOCK NO. 06						BLOCK NO. 06					
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C 70	CEB21HK-392X	C CAPACITOR	390PF 10X 50V			C5902	GER61CM-1072	E-CAPA. 1.M	100MF 20X 16V		
C 71	CEB61HM-335Z-JB	C CAPACITOR	3.3MF 20X 50V			C5903	GER41CM-476	E CAPACITOR	47MF 20X 16V		
C 72	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V			C8001	GER41CM-107	E CAPACITOR	100MF 20X 10V		
C 91	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V			C8002	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V		
C 92	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V			C8201	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V		
C 93	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V			C8202	NCB21HK-101X	C CAPACITOR	100PF 5X 50V		
C 95	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V			D 1	1SS133-12	DIODE			
CF 1	GAX0420-001	C FILTER	V3 / E EN EV B A			D 2	1SS133-12	DIODE			
CF 2	GAX0403-001	C FILTER	V3/EE			D 3	1SS133-12	DIODE			
CF 2	GAX0403-001	C FILTER	V3/EE			D 4	1SS133-12	DIODE			
CF 2	GAX0421-001	C FILTER	V3 / E EN EV B A			D1801	GLD0079-001	LCD MODULE			
CF 3	GAX0418-0012	C FILTER				D5301	MTJ33-38-T2	ZENER DIODE 1/M			
CF 4	GAX0409-001	CERA LOCK				D5302	1SS133-T2	DIODE			
CN 43	GFF1201F3-09	CONNECTOR				D5303	1SS133-T2	DIODE			
CN 44	GFF1201F3-10	CONNECTOR				D5304	1SS133-T2	DIODE			
CN501	GGA2001F1-04	4P PLUG ASSY	MD4P			D5901	MTJ33-98-T2	Z DIODE			
CN502	GFF1201C3-10	CONNECTOR	VCD12P			D5902	1SS133-T2	DIODE			
CN503	VMC00289-P12	CONNECTOR				D5903	1SS133-T2	DIODE			
CN504	GGA2001F1-03	CONNECTOR				D5905	MTJ33-14-T2	ZENER DIODE			
CN506	GGB124J1-12S	CONNECTOR				D5906	1SS133-T2	DIODE			
CN507	GGB124J1-12S	CONNECTOR				D8001	SPR-39MVWF	LED	RED		
CN508	GGA2001F1-02	2P CONNECTOR				D8003	1SS133-T2	DIODE			
CN812	GFF1016F1-07	CONNECTOR				D8301	SELUIE568M	LED			
CN812	GFF1008F1-11	CONNECTOR				D8302	SELUIE568M	LED			
C3108	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V			D8303	SELUIE568M	LED			
C5101	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V			EP501	GN20136-0012	EARTH PLATE			
C5102	GFN41HJ-562	M CAPACITOR	150PF 5X 50V			IC 1	TA2057N	IC			
C5103	QTE1H06-4752	C CAPACITOR	5600PF 5X 50V			IC 2	LC72136N	IC			
C5105	NCS21HJ-330X	C CAPACITOR	33PF 5X 50V			IC531	BA15218F-XE	IC			
C5106	NCS21HJ-100X	C CAPACITOR	10PF 5X 50V			IC801	RPM6938-V4	RM.RECEIVER			
C5107	GER41HM-475	E CAPACITOR	4.7MF 20X 50V			J 1	GNB0014-001	ANT TERMINAL	AM/FM ANT COAX		
C5108	GER41HM-475	E CAPACITOR	4.7MF 20X 50V			J3004	QNS0032-001	JACK			
C5109	NCB21HK-102X	C CAPACITOR	4.7MF 20X 50V			J5301	QNU0306-001	4PIN JACK ASSY	ASMD 2P		
C5110	GER41HM-475	E CAPACITOR	1000PF 10X 50V			J5701	GP1F52T	OPTICAL JACK	MD 32R		
C5201	NCS21HJ-151X	C CAPACITOR	4.7MF 20X 50V			K3106	QGR0779-0012	INDUCTOR			
C5202	GFN41HJ-562	M CAPACITOR	150PF 5X 50V			K3206	QGR0779-0012	INDUCTOR			
C5203	QTE1H06-4752	C CAPACITOR	5600PF 5X 50V			K5301	QGR0779-0012	INDUCTOR			
C5205	NCS21HJ-330X	C CAPACITOR	33PF 5X 50V			K5302	QGR0779-0012	INDUCTOR			
C5206	NCS21HJ-100X	C CAPACITOR	10PF 5X 50V			K5303	QGR0779-0012	INDUCTOR			
C5207	GER41HM-475	E CAPACITOR	4.7MF 20X 50V			K5307	QGR0779-0012	INDUCTOR			
C5208	GER41HM-475	E CAPACITOR	4.7MF 20X 50V			L 1	QGR0870-001	COIL BLOCK	MW/LW RF/OSC		
C5209	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V			L 4	QGL231K-221Y	INDUCTOR			
C5210	NCB21HK-475	E CAPACITOR	4.7MF 20X 50V			L 10	QGR0794-001	TRAP COIL	V3/E EN EV B A		
C5211	NCB21HK-475	E CAPACITOR	4.7MF 20X 50V			L 11	QGL231K-2R7Y	INDUCTOR			
C5212	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V			L 12	QGL231K-4R7Y	INDUCTOR			
C5302	GER41HM-225	E CAPACITOR	2.2MF 20X 50V			LF511	QGR0590-001	FILTER			
C5303	GER41HM-225	E CAPACITOR	2.2MF 20X 50V			LF521	QGR0590-001	FILTER			
C5304	GER41HM-105	E CAPACITOR	1.0MF 20X 50V			L3106	QGL231K-470Y	INDUCTOR			
C5307	GER41CM-476	E CAPACITOR	47MF 20X 16V			L3206	QGL231K-470Y	INDUCTOR			
C5308	GER41CM-226	E CAPACITOR	22MF 20X 16V			L3301	QGL29BJ-470Z	INDUCTOR	FTZ		
C5309	GER41HM-105	E CAPACITOR	1.0MF 20X 50V			PP531	QZW0007-001	POST PIN			
C5311	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V			PP532	QZW0007-001	POST PIN			
C5312	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V			PP533	QZW0007-001	POST PIN			
C5313	NCB21H2-104X	C CAPACITOR	.10MF +80-20X			Q 1	2SC2668/D/-T	TRANSISTOR			
C5901	GER41EM-475	E CAPACITOR	4.7MF 20X 25V			Q 2	DTA114YKA-X	TRANSISTOR			

BLOCK NO. 06					BLOCK NO. 06				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
Q 3	KTC3199/GL/-T	TR I/M			R 48	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
Q 4	KTC3199/GL/-T	TR I/M			R 52	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
Q 6	DTA114YKA-X	TRANSISTOR			R 54	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
Q 7	2SA1037AK/R/-X	CHIP TR.C.M			R 55	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
Q 8	2SA1037AK/R/-X	CHIP TR.C.M			R 56	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
Q 14	2SA1037AK/R/-X	CHIP TR.C.M			R 57	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
Q5101	2SD2114K/VW/-X	CHIP TR.C.M			R 60	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
Q5102	2SD2114K/VW/-X	CHIP TR.C.M			R 61	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
Q5103	2SD2114K/VW/-X	CHIP TR.C.M			R 65	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5104	2SD2114K/VW/-X	CHIP TR.C.M			R 66	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5106	2SD2114K/VW/-X	CHIP TR.C.M			R 68	NRSA02J-473X	MG RESISTOR	4.7K 5X 1/10W	
Q5201	2SD2114K/VW/-X	CHIP TR.C.M			R 69	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5202	2SD2114K/VW/-X	CHIP TR.C.M			R 74	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
Q5203	2SD2114K/VW/-X	CHIP TR.C.M			R 75	NRSA02J-103X	RES. C.M	1.0K 5X 1/10W	
Q5204	2SD2114K/VW/-X	CHIP TR.C.M			R3106	NRSA02J-151X	MG RESISTOR	150 5X 1/10W	
Q5206	2SD2114K/VW/-X	CHIP TR.C.M			R3107	NRSA02J-471X	RES. C.M	470 5X 1/10W	
Q5301	DTA143EKA-X	TRANSISTOR			R3206	NRSA02J-151X	MG RESISTOR	150 5X 1/10W	
Q5302	DTA143EKA-X	TRANSISTOR			R3207	NRSA02J-471X	RES. C.M	470 5X 1/10W	
Q5303	DTA143EKA-X	DIGITAL TR			R5101	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W	
Q5308	DTA143EKA-X	DIGITAL TR			R5102	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
Q5301	2SA1037AK/R/-X	CHIP TR.C.M			R5103	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
Q5302	2SD2114K/VW/-X	TRANSISTOR			R5104	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5303	2SD2114K/VW/-X	TRANSISTOR			R5105	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q8001	DTC114TKA-X	TRANSISTOR			R5106	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 1	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		R5107	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R 2	NRSA02J-820X	MG RESISTOR	82 5X 1/10W		R5108	NRSA02J-682X	MG RESISTOR	6.8K 5X 1/10W	
R 3	NRSA02J-560X	MG RESISTOR	V3/EE		R5109	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 10	NRSA02J-121X	MG RESISTOR	V3/EE		R5110	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 12	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W		R5111	NRSA02J-123X	MG RESISTOR	1.2K 5X 1/10W	
R 13	NRSA02J-104X	MG RESISTOR	1.0K 5X 1/10W		R5112	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
R 15	NRSA02J-103X	RES. C.M	100K 5X 1/10W		R5113	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 16	NRSA02J-103X	RES. C.M	10K 5X 1/10W		R5114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 20	NRSA02J-331X	MG RESISTOR	330 5X 1/10W		R5115	NRSA02J-103X	RES. C.M	10K 5X 1/10W	
R 21	NRSA02J-224X	RES. C.M	220K 5X 1/10W		R5116	NRSA02J-753X	MG RESISTOR	75K 5X 1/10W	
R 22	NRSA02J-331X	MG RESISTOR	330 5X 1/10W		R5122	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 23	NRSA02J-100X	MG RESISTOR	330 5X 1/10W		R5123	NRSA02J-154X	RES. C.M	150K 5X 1/10W	
R 24	NRSA02J-271X	MG RESISTOR	270 5X 1/10W		R5124	NRSA02J-473X	MG RESISTOR	4.7K 5X 1/10W	
R 25	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R5125	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R 26	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W		R5126	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 27	NRSA02J-223X	RES. C.M	22K 5X 1/10W		R5127	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 29	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R5128	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 30	NRSA02J-103X	RES. C.M	10K 5X 1/10W		R5129	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 31	NRSA02J-103X	RES. C.M	10K 5X 1/10W		R5201	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W	
R 34	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W		R5202	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R 35	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W		R5203	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 36	NRSA02J-103X	RES. C.M	10K 5X 1/10W		R5204	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 37	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W		R5205	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 38	NRSA02J-592X	MG RESISTOR	3.9K 5X 1/10W		R5206	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 39	NRSA02J-592X	MG RESISTOR	3.9K 5X 1/10W		R5207	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R 42	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		R5208	NRSA02J-682X	MG RESISTOR	6.8K 5X 1/10W	
R 43	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		R5209	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 44	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		R5210	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 45	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		R5211	NRSA02J-123X	MG RESISTOR	1.2K 5X 1/10W	
R 46	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R5212	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
					R5213	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	

BLOCK NO. 06

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
A	88102	QSW0620-001		
	T	1 QQR0793-001		
	TU	1 GAU0034-001	V3 /E EN EV B A	
	TU	1 GAU0036-001	V3/EE	
	X	1 QAX0402-001		
		SWITCH		
		IFT		
		FRONT END		
		FRONT END		
		CRYSTAL		

BLOCK NO. 06

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
A	R5214	NRSA02J-222X	2-2K 5X 1/10W	
	R5215	NRSA02J-103X	RES. C.M	
	R5216	NRSA02J-753X	MG RESISTOR	
	R5222	NRSA02J-102X	RES. C.M	
	R5223	NRSA02J-154X	RES. C.M	
	R5224	NRSA02J-473X	MG RESISTOR	
	R5225	NRSA02J-322X	MG RESISTOR	
	R5226	NRSA02J-102X	RES. C.M	
	R5227	NRSA02J-222X	MG RESISTOR	
	R5228	NRSA02J-222X	MG RESISTOR	
	R5229	NRSA02J-182X	MG RESISTOR	
	R5301	NRSA02J-822X	MG RESISTOR	
	R5302	NRSA02J-822X	MG RESISTOR	
	R5303	NRSA02J-750X	RES. C.M	
	R5304	NRSA02J-750X	RES. C.M	
	R5305	NRSA02J-750X	RES. C.M	
	R5306	NRSA02J-223X	RES. C.M	
	R5311	NRSA02J-750X	RES. C.M	
	R5312	NRSA02J-473X	MG RESISTOR	
	R5313	NRSA02J-533X	MG RESISTOR	
	R5314	NRSA02J-223X	RES. C.M	
	R5901	NRSA02J-390X	MG RESISTOR	
	R5902	NRSA02J-332X	MG RESISTOR	
	R5903	NRSA02J-273X	MG RESISTOR	
	R5904	NRSA02J-102X	RES. C.M	
	R5905	NRSA02J-471X	RES. C.M	
	R5906	NRSA02J-471X	RES. C.M	
	R5907	NRSA02J-392X	MG RESISTOR	
	R5908	NRSA02J-332X	MG RESISTOR	
	R8001	NRSA02J-102X	RES. C.M	
	R8002	NRSA02J-102X	RES. C.M	
	R8003	NRSA02J-122X	MG RESISTOR	
	R8004	NRSA02J-152X	MG RESISTOR	
	R8005	NRSA02J-222X	MG RESISTOR	
	R8006	NRSA02J-272X	MG RESISTOR	
	R8007	NRSA02J-392X	MG RESISTOR	
	R8010	NRSA02J-681X	MG RESISTOR	
	R8011	QRE141J-152Y	C RESISTOR	
	R8201	NRSA02J-432X	RES. C.M	
	R8301	NRSA02J-471X	RES. C.M	
	R8302	NRSA02J-471X	RES. C.M	
	R8303	NRSA02J-471X	RES. C.M	
	R8304	NRSA02J-471X	RES. C.M	
	R8305	NRSA02J-471X	RES. C.M	
	R8306	NRSA02J-471X	RES. C.M	
	S8001	QSW0698-001Z	DOOR DP/CL	
	S8002	QSW0698-001Z	CD	
	S8003	QSW0698-001Z	TUNER	
	S8004	QSW0698-001Z	TAPE	
	S8005	QSW0698-001Z	MD/AUX	
	S8006	QSW0698-001Z	B-SEARCH	
	S8007	QSW0698-001Z	STOP/CLR	
	S8008	QSW0698-001Z	F-SEARCH	
	S8010	QSW0698-001Z	POWER	
	S8101	QSW0620-001	SWITCH	

■ Micon Board

BLOCK NO. 07				BLOCK NO. 07							
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN701	GGF12013-13	CONNECTOR	TO CD PWB	TO FUNCTION PWB		Q7002	25C2668/07-T	TRANSISTOR	CLOCK SHIFT		
CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	TO FUNCTION PWB		Q7301	25C2412K/R/-X	TRANSISTOR	BACKUP CONT		
CN707	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	TO FUNCTION PWB		Q7311	25C2412K/R/-X	TRANSISTOR	RESET		
CN711	GGF10161-07	CONNECTOR	TO FKEY PWB	TO FKEY PWB		Q7321	25A1037AK/R/-X	CHIP TR-C.M	SW5V		
CN712	GGF10081-11	CONNECTOR	TO LCD PWB	TO LCD PWB		Q7811	25C2412K/R/-X	TRANSISTOR	PHOTO BUFFER		
CN714	GGF10011-03	3P PLUG ASSY	TO DOOR-SW PWB	TO DOOR-SW PWB		Q7831	DTC114EKA-X	TR	BL DIMMER		
CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	TO MAIN PWB		Q7832	25A9335/RS/-T	TRANSISTOR	BL DIMMER		
CN772	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	TO MAIN PWB		R7001	NRSA02J-822X	MG RESISTOR	8-2K 5X 1/10W		
C7001	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V	18PF 5X 50V		R7002	NRSA02J-822X	MG RESISTOR	8-2K 5X 1/10W		
C7002	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V	18PF 5X 50V		R7003	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
C7003	NCS21HJ-390X	C CAPACITOR	39PF 5X 50V	39PF 5X 50V		R7004	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
C7004	NCS21HJ-360X	C CAPACITOR	36PF 5X 50V	36PF 5X 50V		R7005	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7005	NCS21HJ-220X	C CAPACITOR	22PF 5X 50V	22PF 5X 50V		R7101	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7006	NCS21HJ-200X	C CAPACITOR	20PF 5X 50V	20PF 5X 50V		R7102	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7007	NCS21HK-102X	C CAPACITOR	1000PF 10X 50V	1000PF 10X 50V		R7103	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7008	NCS21HK-102X	C CAPACITOR	1000PF 10X 50V	1000PF 10X 50V		R7104	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7011	GER41AM-107	E CAPACITOR	100MF 20X 10V	100MF 20X 10V		R7105	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7012	NCS21HK-103X	C CAPACITOR	-0.10MF 10X 50V	-0.10MF 10X 50V		R7106	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7013	NCF21H2-104X	C CAPACITOR	-1.0MF +801-20X	-1.0MF +801-20X		R7107	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7108	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	100PF 5X 50V		R7108	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7109	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	100PF 5X 50V		R7109	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7122	NCS21HK-103X	C CAPACITOR	-0.10MF 10X 50V	-0.10MF 10X 50V		R7110	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7123	NCS21HK-103X	C CAPACITOR	-0.10MF 10X 50V	-0.10MF 10X 50V		R7111	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7125	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	100PF 5X 50V		R7112	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7126	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	100PF 5X 50V		R7113	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
C7201	GER61CM-107Z	E.CAPA. I.M	100MF 20X 16V	100MF 20X 16V		R7114	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7202	GFN41HJ-104	M CAPACITOR	-1.0MF 5X 50V	-1.0MF 5X 50V		R7115	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7311	GER41HM-475	E CAPACITOR	4.7MF 20X 50V	4.7MF 20X 50V		R7116	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7312	GER41HM-225	E CAPACITOR	2.2MF 20X 50V	2.2MF 20X 50V		R7117	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7321	GE20229-479Z	EDL CAPACITOR	4.7000MF	4.7000MF		R7118	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7801	GER61HM-335Z	E CAPACITOR	3.3MF 20X 50V	3.3MF 20X 50V		R7119	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7802	GER41HM-225	E CAPACITOR	2.2MF 20X 50V	2.2MF 20X 50V		R7120	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7803	GER41HM-105	E CAPACITOR	1.0MF 20X 50V	1.0MF 20X 50V		R7121	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7804	GER41HM-225	E CAPACITOR	2.2MF 20X 50V	2.2MF 20X 50V		R7122	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7805	GER41HM-105	E CAPACITOR	1.0MF 20X 50V	1.0MF 20X 50V		R7123	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
C7811	NCS21HK-103X	C CAPACITOR	-0.10MF 10X 50V	-0.10MF 10X 50V		R7124	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
D7001	1SS133-T2	DIODE	CLOCK	CLOCK		R7125	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
D7201	1SS133-T2	DIODE	US6V2	US6V2		R7126	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
D7202	1SS133-T2	DIODE	US5V	US5V		R7128	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
D7203	1SS133-T2	DIODE	LCDSV	LCDSV		R7129	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
D7204	1SS133-T2	DIODE	BU5V	BU5V		R7130	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
D7205	MT2J8-2B-T2	DIODE	US6V2	US6V2		R7131	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
D7301	MT2J5-1C-T2	ZENER DIODE	BUCKUP	BUCKUP		R7132	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
D7311	1SS133-T2	DIODE	RESET	RESET		R7133	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
D7321	1SS133-T2	DIODE	BU5V	BU5V		R7134	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
IC701	UPD78056GC-A29	IC	SYSTEM MICRON	SYSTEM MICRON		R7135	NRSA02J-103X	RES. C.M	10K 5X 1/10W		
IC702	KIA78S06P-T	IC	US6V REG	US6V REG		R7136	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
K7201	QGR0601-0012	F.BEADS I.M	ICVSS	ICVSS		R7137	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W		
K7202	QGR0601-0012	F.BEADS I.M	AVSS	AVSS		R7138	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
K7203	QGR0601-0012	F.BEADS I.M	FKEY	FKEY		R7139	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		
L7201	QGL01BK-100Z	INDUCTOR	VDD	VDD		R7140	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
L7202	QGL01BK-100Z	INDUCTOR	AVDD	AVDD		R7141	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		
PP701	Q2W0007-001	POST PIN				R7142	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		
PP702	Q2W0007-001	POST PIN				R7143	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W		
Q7001	25C2668/07-T	TRANSISTOR	CLOCK SHIFT	CLOCK SHIFT		R7144	NRSA02J-222X	MG RESISTOR	2-2K 5X 1/10W		

BLOCK NO. 07					BLOCK NO. 08				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R7145	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN601	GGF201E3-13	CONNECTOR		
R7146	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN602	GGF201E3-10	CONNECTOR		
R7147	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN603	GGF1004F4-18	3PC CONNECTOR		
R7148	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN604	GGAS501C1-03	FPC CONNECTOR		
R7150	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		CN605	GGAI501C3-02	W TO B CONNE	RED	
R7151	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN606	GGAI501C4-02	W TO B CONNE	BLUE	
R7152	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN607	VMCO199-902V	CONNECTOR	WHITE	
R7153	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN601	QER40JM-107	E CAPACITOR	100MF 20X 6.3V	
R7154	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN602	QER41CM-106	E CAPACITOR	10MF 20X 16V	
R7155	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN603	NGC31HJ-3R5X	E CAPACITOR		
R7156	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W		CN605	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V	
R7301	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W		CN606	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R7302	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W		CN607	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
R7303	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W		CN608	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
R7304	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		CN609	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
R7311	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN610	NCB21HK-223X	C CAPACITOR	.027MF 10X 50V	
R7312	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN611	NCB21HK-222X	C CAPACITOR	2200PF 10X 50V	
R7313	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN612	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
R7314	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		CN616	NCB21EK-104X	C CAPACITOR	.10MF 10X 25V	
R7315	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN615	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
R7321	NRSA02J-331X	MG RESISTOR	330 5% 1/10W		CN617	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
R7322	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN618	NCB21HK-222X	C CAPACITOR	.022MF 10X 50V	
R7401	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN619	NCS21HJ-271X	C CAPACITOR	2700PF 5X 50V	
R7402	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN620	NCS21HJ-181X	C CAPACITOR	180PF 5X 50V	
R7403	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN621	NCS21HJ-821X	C CAPACITOR	820PF 5X 50V	
R7404	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN622	QER40JM-476Z	E CAPACITOR	47MF 20X 6.3V	
R7405	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN623	NCB21EK-104X	C CAPACITOR	.10MF 10X 25V	
R7406	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN628	NCB21EK-473X	C CAPACITOR	.047MF 10X 25V	
R7407	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN629	QER40JM-107	E CAPACITOR	100MF 20X 6.3V	
R7408	NRSA02J-153X	MG RESISTOR	V3/E EN EV B A		CN631	QER40JM-227	E.CAPA. I.M	220MF 20X 10V	
R7408	NRSA02J-473X	MG RESISTOR	V3/EE		CN632	QER40JM-107	E CAPACITOR	100MF 20X 6.3V	
R7409	NRSA02J-203X	MG RESISTOR	20K 5% 1/10W		CN651	NDC21HJ-120X	C CAPACITOR		
R7410	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN652	NDC21HJ-150X	C CAPACITOR		
R7411	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN653	NCB21HK-223X	C CAPACITOR		
R7801	NRSA02J-114X	RES. C.M	110K 5% 1/10W		CN655	NCB31EK-473X	C CAPACITOR	.022MF 10X 50V	
R7802	NRSA02J-114X	RES. C.M	110K 5% 1/10W		CN658	NCS21HJ-6R0X	C.CAPA. C.M	.047MF 10X 25V	
R7803	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W		CN661	NCS21HJ-471X	C CAPACITOR	6.0PF 5X 50V	
R7804	NRSA02J-105X	MG RESISTOR	1.0M 5% 1/10W		CN662	NCB21HK-223X	C CAPACITOR	470PF 5X 50V	
R7805	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W		CN663	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
R7811	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W		CN665	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
R7812	NRSA02J-394X	RES. C.M	390K 5% 1/10W		CN666	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
R7813	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W		CN665	NCB21CK-334X	C.CAPA. C.M	.33MF 10X 16V	
R7821	NRSA02J-103X	RES. C.M	10K 5% 1/10W		CN671	NCB21HK-222X	C CAPACITOR	2200PF 10X 50V	
R7822	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W		CN672	NCB21HK-222X	C CAPACITOR	2200PF 10X 50V	
R7823	NRSA02J-102X	RES. C.M	1.0K 5% 1/10W		CN673	QER41AM-227	E.CAPA. I.M	220MF 20X 10V	
X7001	QAX0401-001	CRYSTAL	CLOCK(36.678KHZ		CN675	NCB31HK-102X	C CAPACITOR	1000PF 10X 50V	
X7002	QAX0410-001	CERA LOCK	MAIN CK(4.19MHZ		CN676	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
					CN677	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
					CN680	QER41AM-227	E.CAPA. I.M	220MF 20X 10V	
					CN681	QER41AM-227	E.CAPA. I.M	220MF 20X 10V	
					CN683	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
					CN695	NCB21EK-104X	C CAPACITOR	.10MF 10X 25V	
					CN696	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
					CN697	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
					CN698	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	



BLOCK NO. 08111111

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R6099	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
R6101	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6154	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
C6156	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
C6157	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
C6158	NCS21HJ-151X	C CAPACITOR	150PF 5% 50V	
D6061	1SS335-X	DIODE C.M		
D6062	1SS335-X	DIODE C.M		
D6063	1SS335-X	DIODE C.M		
IC601	AN8806SB-W	IC C.M		
IC602	BA6897FP-W	IC		
IC603	MN35510	IC		
Q6051	QGR0779-0012	INDUCTOR		
Q6001	2SA1037AK/R/-X	CHIP TR. C.M		
Q6031	2SA952/LK/-T	TRANSISTOR		
R6001	NRS02J-123X	RES. C.M	12K 5% 1/10W	
R6002	NRS02J-225X	MG RESISTOR	2.2M 5% 1/10W	
R6003	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6005	NRS02J-124X	MG RESISTOR	1.2K 5% 1/10W	
R6006	NRS02J-473X	MG RESISTOR	47K 5% 1/10W	
R6007	NRS02J-273X	MG RESISTOR	27K 5% 1/10W	
R6009	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R6010	NRS02J-104X	MG RESISTOR	100K 5% 1/10W	
R6012	NRS02J-103X	RES. C.M	10K 5% 1/10W	
R6013	NRS02J-121X	MG RESISTOR	120 5% 1/10W	
R6014	NRS02J-100X	MG RESISTOR	10 5% 1/10W	
R6015	NRS02J-120X	MG RESISTOR	12 5% 1/10W	
R6016	NRS02J-910X	RES. C.M	91 5% 1/10W	
R6021	NRS02J-101X	MG RESISTOR	100 5% 1/10W	
R6022	NRS02J-101X	MG RESISTOR	100 5% 1/10W	
R6023	NRS02J-101X	MG RESISTOR	100 5% 1/10W	
R6024	NRS02J-104X	MG RESISTOR	100K 5% 1/10W	
R6025	NRS02J-104X	MG RESISTOR	100K 5% 1/10W	
R6026	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R6027	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R6028	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R6029	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R6031	NRS02J-331X	MG RESISTOR	330 5% 1/10W	
R6032	NRS02J-101X	MG RESISTOR	100 5% 1/10W	
R6041	NRS02J-273X	MG RESISTOR	27K 5% 1/10W	
R6043	NRS02J-183X	MG RESISTOR	18K 5% 1/10W	
R6043	NRS02J-272X	MG RESISTOR	2.7K 5% 1/10W	
R6044	NRS02J-273X	MG RESISTOR	27K 5% 1/10W	
R6045	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R6046	NRS02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R6047	NRS02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R6051	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6052	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6053	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6054	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6055	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6056	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6057	NRS02J-OROX	RES. C.M	5% 1/10W	
R6058	NRS02J-OROX	RES. C.M	5% 1/10W	
R6059	NRS02J-471X	RES. C.M	470 5% 1/10W	

BLOCK NO. 08111111

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R6060	NRS02J-471X	RES. C.M	470 5% 1/10W	
R6061	NRS02J-104X	MG RESISTOR	100K 5% 1/10W	
R6063	NRS02J-124X	MG RESISTOR	120K 5% 1/10W	
R6064	NRS02J-681X	MG RESISTOR	680 5% 1/10W	
R6066	NRS02J-220X	MG RESISTOR	22 5% 1/10W	
R6067	NRS02J-220X	MG RESISTOR	22 5% 1/10W	
R6068	NRS02J-155X	MG RESISTOR	1.5M 5% 1/10W	
R6071	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6072	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R6076	NRS02J-OROX	RES. C.M	5% 1/10W	
R6080	NRS02J-OROX	RES. C.M	5% 1/10W	
R6121	NRS02J-101X	MG RESISTOR	100 5% 1/10W	
W 805	QJL006-021302	SIN CR B-B WIRE		
W 814	QJK018-031203	SIN CR C-B WIRE		
W3004	QJK017-052600	SIN CR C-B WIRE		
W3351	QJP003-042401	SIN CR C-B WIRE		
W5501	QJK018-020802	SIN CR C-B WIRE		
X6051	GAX0413-0012	CRYSTAL		



■ Switch Board (UX-V5/UX-V5R/UX-V3)

BLOCK NO. 09					BLOCK NO. 10				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN 1	QGB20111-10	TOP PLUG ASSY			C 101	NC821HJ-821X	C CAPACITOR	820PF 5% 50V	
D 1	1SR159-100-Y2	SI DIODE			C 102	NC821HJ-221X	C CAPACITOR	220PF 5% 50V	
IC 1	1SG-105F3-8B-C	PHOTO SENSER			C 103	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
P 1	1GN20104-001	POST PIN			C 104	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
SW 1	1MXS00220MVLO	CASSETTE SWITCH			C 105	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
SW 2	1MXS00220MVLO	CASSETTE SWITCH	R.REC		C 106	GEK41CM-106	E CAPACITOR	10MF 20% 16V	
SW 3	1MXS00220MVLO	CASSETTE SWITCH	TAPE		C 107	NC821HJ-561X	C CAPACITOR	560PF 5% 50V	
SW 4	1MXS00220MVLO	CASSETTE SWITCH	70U		C 108	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
SW 5	1MXS00220MVLO	CASSETTE SWITCH	F.REC		C 109	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
SW 6	QSW0507-001	SWITCH			C 110	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
					C 111	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
					C 112	NCB21HK-683X	C CAPACITOR	.068MF 10% 25V	
					C 113	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
					C 121	NC821HJ-331X	C CAPACITOR	330PF 5% 50V	
					C 201	NC821HJ-821X	C CAPACITOR	820PF 5% 50V	
					C 202	NC821HJ-221X	C CAPACITOR	220PF 5% 50V	
					C 203	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
					C 204	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
					C 205	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
					C 206	GEK41CM-106	E CAPACITOR	10MF 20% 16V	
					C 207	NC821HJ-561X	C CAPACITOR	560PF 5% 50V	
					C 208	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
					C 209	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
					C 210	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
					C 211	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
					C 212	NCB21HK-683X	C CAPACITOR	.068MF 10% 25V	
					C 213	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
					C 221	NC821HJ-331X	C CAPACITOR	330PF 5% 50V	
					C 301	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V	
					C 302	NCB21HK-393X	C CAPACITOR	.039MF 10% 50V	
					C 303	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
					C 304	GEK41CM-226	E CAPACITOR	22MF 20% 16V	
					C 305	GEK41CM-226	E CAPACITOR	22MF 20% 16V	
					C 306	GEK41CM-476	E CAPACITOR	47MF 20% 16V	
					C 307	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
					C 308	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
					C 309	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
					C 310	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
					C 311	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
					C 313	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V	
					C 314	QC20205-1552	ML C CAP I/M	1.5MF	
					C 315	QC20205-1552	ML C CAP I/M	1.5MF	
					C 316	QF32AJ-1032	PP CAPACITOR	.010MF 5% 100V	
					C 318	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
					C 319	QF32AJ-8212	TF CAPACITOR	820PF 5% 100V	
					C 321	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
					C 322	QF32AJ-1522	M CAPACITOR	1500PF 5% 100V	
					C 331	GEK41CM-476	E CAPACITOR	47MF 20% 16V	
					C 351	GEK41CM-106	E CAPACITOR	10MF 20% 16V	
					C 371	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
					C 374	GEKJ1AM-1072	E CAPACITOR	MOTOR 18	
					C 375	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V	
					C 376	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
					CN 31	QGF1205F1-06	CONNECTOR	PRI/HEAD	
					CN 32	QGB2011M1-10	PWB CONNECTOR	PRI/MECHA	

■ Preamp Board (UX-V5/UX-V5R/UX-V3)

BLOCK NO. 10					BLOCK NO. 10				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C 101	NC821HJ-821X	C CAPACITOR	820PF 5% 50V		C 101	NC821HJ-821X	C CAPACITOR	820PF 5% 50V	
C 102	NC821HJ-221X	C CAPACITOR	220PF 5% 50V		C 102	NC821HJ-221X	C CAPACITOR	220PF 5% 50V	
C 103	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V		C 103	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
C 104	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V		C 104	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
C 105	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V		C 105	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C 106	GEK41CM-106	E CAPACITOR	10MF 20% 16V		C 106	GEK41CM-106	E CAPACITOR	10MF 20% 16V	
C 107	NC821HJ-561X	C CAPACITOR	560PF 5% 50V		C 107	NC821HJ-561X	C CAPACITOR	560PF 5% 50V	
C 108	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V		C 108	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
C 109	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V		C 109	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
C 110	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V		C 110	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
C 111	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V		C 111	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
C 112	NCB21HK-683X	C CAPACITOR	.068MF 10% 25V		C 112	NCB21HK-683X	C CAPACITOR	.068MF 10% 25V	
C 113	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V		C 113	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C 121	NC821HJ-331X	C CAPACITOR	330PF 5% 50V		C 121	NC821HJ-331X	C CAPACITOR	330PF 5% 50V	
C 201	NC821HJ-821X	C CAPACITOR	820PF 5% 50V		C 201	NC821HJ-821X	C CAPACITOR	820PF 5% 50V	
C 202	NC821HJ-221X	C CAPACITOR	220PF 5% 50V		C 202	NC821HJ-221X	C CAPACITOR	220PF 5% 50V	
C 203	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V		C 203	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
C 204	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V		C 204	NCB21HK-333X	C CAPACITOR	.033MF 10% 50V	
C 205	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V		C 205	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C 206	GEK41CM-106	E CAPACITOR	10MF 20% 16V		C 206	GEK41CM-106	E CAPACITOR	10MF 20% 16V	
C 207	NC821HJ-561X	C CAPACITOR	560PF 5% 50V		C 207	NC821HJ-561X	C CAPACITOR	560PF 5% 50V	
C 208	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V		C 208	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
C 209	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V		C 209	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
C 210	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V		C 210	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
C 211	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V		C 211	NCB21HK-122X	C CAPACITOR	1200PF 10% 50V	
C 212	NCB21HK-683X	C CAPACITOR	.068MF 10% 25V		C 212	NCB21HK-683X	C CAPACITOR	.068MF 10% 25V	
C 213	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V		C 213	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C 221	NC821HJ-331X	C CAPACITOR	330PF 5% 50V		C 221	NC821HJ-331X	C CAPACITOR	330PF 5% 50V	
C 301	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V		C 301	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V	
C 302	NCB21HK-393X	C CAPACITOR	.039MF 10% 50V		C 302	NCB21HK-393X	C CAPACITOR	.039MF 10% 50V	
C 303	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V		C 303	GEK40JM-227	E CAPACITOR	220MF 20% 6.3V	
C 304	GEK41CM-226	E CAPACITOR	22MF 20% 16V		C 304	GEK41CM-226	E CAPACITOR	22MF 20% 16V	
C 305	GEK41CM-226	E CAPACITOR	22MF 20% 16V		C 305	GEK41CM-226	E CAPACITOR	22MF 20% 16V	
C 306	GEK41CM-476	E CAPACITOR	47MF 20% 16V		C 306	GEK41CM-476	E CAPACITOR	47MF 20% 16V	
C 307	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V		C 307	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
C 308	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V		C 308	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
C 309	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V		C 309	NCB21HK-562X	C CAPACITOR	5600PF 10% 50V	
C 310	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V		C 310	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C 311	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V		C 311	NCB21HK-682X	C.CAPA. C.M	6800PF 10% 50V	
C 313	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V		C 313	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V	
C 314	QC20205-1552	ML C CAP I/M	1.5MF		C 314	QC20205-1552	ML C CAP I/M	1.5MF	
C 315	QC20205-1552	ML C CAP I/M	1.5MF		C 315	QC20205-1552	ML C CAP I/M	1.5MF	
C 316	QF32AJ-1032	PP CAPACITOR	.010MF 5% 100V		C 316	QF32AJ-1032	PP CAPACITOR	.010MF 5% 100V	
C 318	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V		C 318	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
C 319	QF32AJ-8212	TF CAPACITOR	820PF 5% 100V		C 319	QF32AJ-8212	TF CAPACITOR	820PF 5% 100V	
C 321	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V		C 321	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
C 322	QF32AJ-1522	M CAPACITOR	1500PF 5% 100V		C 322	QF32AJ-1522	M CAPACITOR	1500PF 5% 100V	
C 331	GEK41CM-476	E CAPACITOR	47MF 20% 16V		C 331	GEK41CM-476	E CAPACITOR	47MF 20% 16V	
C 351	GEK41CM-106	E CAPACITOR	10MF 20% 16V		C 351	GEK41CM-106	E CAPACITOR	10MF 20% 16V	
C 371	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V		C 371	GEK41EM-475	E CAPACITOR	4.7MF 20% 25V	
C 374	GEKJ1AM-1072	E CAPACITOR	MOTOR 18		C 374	GEKJ1AM-1072	E CAPACITOR	MOTOR 18	
C 375	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V		C 375	GEKJ1AM-1072	E CAPACITOR	100MF 20% 10V	
C 376	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V		C 376	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
CN 31	QGF1205F1-06	CONNECTOR	PRI/HEAD		CN 31	QGF1205F1-06	CONNECTOR	PRI/HEAD	
CN 32	QGB2011M1-10	PWB CONNECTOR	PRI/MECHA		CN 32	QGB2011M1-10	PWB CONNECTOR	PRI/MECHA	

BLOCK NO. 10					BLOCK NO. 10						
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN 33	GGF1205F1-09	CONNECTOR	PRI/MICON			R 210	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W		
CN 34	GGF1205F1-10	CONNECTOR	PRI/AMP			R 211	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W		
D 301	MA152WA-X	DIODE				R 212	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
D 309	MA704A-X	S.K.DIODE				R 213	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W		
D 375	MA3051/M/-X	ZENER DIODE				R 214	NRSA02J-272X	MG RESISTOR	2.7K 5X 1/10W		
FW 31	QUM024-06A223	EF FLAT				R 216	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
IC 31	BA3126N	IC	HEAD SW			R 221	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
IC 32	AN7317	IC	PB&REC			R 301	NRS181J-221X	MG RESISTOR	220 5X 1/8W		
IC 33	BU4094BCF-X	IC				R 303	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W		
L 301	QGR0620-001	OSC COIL(BIAS)				R 304	NRS181J-101X	MG RESISTOR	100 5X 1/8W		
L 303	QGL01BK-100Z	INDUCTOR				R 305	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
Q 101	DTC114TKA-X	TRANSISTOR				R 306	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
Q 102	DTC114TKA-X	TRANSISTOR	REC EQ CONT.			R 310	NRS181J-560X	MG RESISTOR	56 5X 1/8W		
Q 201	DTC114TKA-X	TRANSISTOR				R 311	NRS181J-560X	MG RESISTOR	56 5X 1/8W		
Q 202	DTC114TKA-X	TRANSISTOR	REC EQ CONT.			R 313	NRSA02J-3R3NY	RES. C.M	3.3 5X 1/10W		
Q 301	DTA144EKA-X	TRANSISTOR	REC EQ CONT.			R 314	NRSA02J-223X	RES. C.M	22K 5X 1/10W		
Q 302	2SC2001/K/-T	TR I/M				R 315	NRSA02J-100K	MG RESISTOR	10 5X 1/10W		
Q 303	2SC2001/K/-T	TR I/M				R 316	NRSA02J-223X	RES. C.M	22K 5X 1/10W		
Q 304	2SC2001/LK/-T	TRANSISTOR				R 317	NRSA02J-100K	MG RESISTOR	10 5X 1/10W		
Q 305	2SC2001/LK/-T	TRANSISTOR				R 319	NRSA02J-153X	MG RESISTOR	1.5K 5X 1/10W		
Q 306	2SC2412K/RS/-X	CHIP TR.C.M				R 322	NRSA02J-153X	MG RESISTOR	1.5K 5X 1/10W		
Q 307	2SC2412K/RS/-X	CHIP TR.C.M				R 327	NRSA02J-47X	MG RESISTOR	470K 5X 1/10W		
Q 308	2SC2412K/RS/-X	CHIP TR.C.M				R 332	NRSA02J-123X	RES. C.M	12K 5X 1/10W		
Q 309	2SC2412K/RS/-X	CHIP TR.C.M				R 333	NRSA02J-123X	RES. C.M	12K 5X 1/10W		
Q 321	DTA144EKA-X	TRANSISTOR				R 335	NRSA02J-152X	MG RESISTOR	1.5K 5X 1/10W		
Q 323	2SC2412K/RS/-X	CHIP TR.C.M				R 336	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W		
Q 371	2SA952/LK/-T	TRANSISTOR	MOTER+B			R 337	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W		
Q 372	DTA124EKA-X	TRANSISTOR				R 338	NRSA02J-393X	MG RESISTOR	3.9K 5X 1/10W		
Q 375	2SB562/C/-T	TRANSISTOR	SOLENOID DRIVE			R 339	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		
Q 376	2SC2412K/RS/-X	CHIP TR.C.M				R 340	NRS181J-391X	MG RESISTOR	390 5X 1/8W		
R 101	NRSA02J-220X	MG RESISTOR				R 341	NRSA02J-123X	RES. C.M	12K 5X 1/10W		
R 102	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W			R 342	NRSA02J-203X	MG RESISTOR	20K 5X 1/10W		
R 103	NRSA02J-242NY	MG RESISTOR	2.4K 5X 1/10W			R 343	NRSA02J-183X	MG RESISTOR	18K 5X 1/10W		
R 104	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W			R 351	NRSA02J-685X	MG RESISTOR	68K 5X 1/10W		
R 105	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W			R 352	NRSA02J-912X	RES. C.M	9.1K 5X 1/10W		
R 106	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W			R 371	NRSA02J-123X	RES. C.M	12K 5X 1/10W		
R 107	NRSA02J-123X	RES. C.M	12K 5X 1/10W			R 372	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W		
R 108	NRSA02J-562X	MG RESISTOR	5.6K 5X 1/10W			R 375	NRSA02J-151X	MG RESISTOR	150 5X 1/10W		
R 109	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W			R 376	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W		
R 110	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W			VR 31	QVP0008-503Z	SEMI V RESISTOR	BIAS ADJ		
R 111	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W			VR 32	QVP0008-503Z	SEMI V RESISTOR	BIAS ADJ		
R 112	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			VR 37	QVP0008-103Z	SEMI V RESISTOR	TAPE SPEED ADJ		
R 113	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W								
R 114	NRSA02J-272X	MG RESISTOR	2.7K 5X 1/10W								
R 116	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W								
R 121	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W								
R 201	NRSA02J-220X	MG RESISTOR	22 5X 1/10W								
R 202	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W								
R 203	NRSA02J-242NY	MG RESISTOR	2.4K 5X 1/10W								
R 204	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W								
R 205	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W								
R 206	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W								
R 207	NRSA02J-123X	RES. C.M	12K 5X 1/10W								
R 208	NRSA02J-562X	MG RESISTOR	5.6K 5X 1/10W								
R 209	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W								

# Packing List

BLOCK NO. **M4MM**

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
P 1	QPA02503503P	POLY BAG	FOR INST	1		
P 2	QPA01202505	POLY BAG		1		
P 3	QPA01503503	POLY BAG	B ONLY	1		
P 4	QPA01702503P	POLY BAG	FOR AM ANT.	1		
P 5	QPC06005515P	POLY BAG		1		
P 5	LV30907-003A	CARTON	V5R	1		
P 6	LV30907-001A	CARTON	V3	1		
P 7	LV30907-002A	CARTON	V5	1		
P 8	LV10182-001A	CUSHION(TOP)		1		
P 9	LV10182-002A	CUSHION(BOTTOM)		1		
P 8	LV20328-001A	SP CUSHION	(TOP)	1		
P 9	LV20329-001A	SP CUSHION	(BOTTOM)	1		

# Accessories List

BLOCK NO. **M5MM**

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
A 1	LVT0215-003A	INSTBOOK V5/A	ENG.	1		
	LVT0215-002A	INSTBOOK V3R/EN	SWE.FIN.DAN	1		
	LVT0215-001A	INSTBOOK V3R/E	ENG.GER.FRE.	1		
	LVT0215-003A	INSTBOOK V3R/B	ENG.	1		
	LVT0215-002A	INSTBOOK V3R/EN	GER.FRE.DUT.	1		
	LVT0215-001A	INSTBOOK V3R/E	DUT.SPA.ITA	1		
	LVT0211-005A	INSTBOOK V5R/EN	ENG.POL.HUN.CZE	1		
	LVT0215-003A	INSTBOOK V3R/A	ENG.	1		
	LVT0211-001A	INSTBOOK V5R/E	DUT.SPA.ITA.	1		
	LVT0211-001A	INSTBOOK V5R/E	ENG.GER.FRE.	1		
	LVT0211-004A	INSTBOOK V5R/EE	RUS	1		
	LVT0211-003A	INSTBOOK V5R/B	ENG.	1		
	LVT0215-005A	INSTBOOK V3R/EN	ENG.POL.HUN.CZE	1		
	LVT0215-004A	INSTBOOK V3R/EE	UX-V3 EE	1		
	LVT0211-002A	INSTBOOK V5R/EN	SWE.FIN.DAN.	1		
A 2	LVT0211-002A	INSTBOOK V5R/EN	GER.FRE.DUT.	1		
A 3	QMP25D0-183	POWER CORD	A	1		
A 4	QMPLO80-183-JC	POWER CORD	E.EE.EN.EV	1		
A 5	QMP5520-183E	POWER CORD	B	1		
A 6	EWP503-001C	ANT.WIRE	FM ANT	1		
A 7	QAL0014-001	AM LOOP ANT	AM ANT	1		
A 8	RM-RXUV3	REMOCON UNIT	V5	1		
A 9	RM-RXUV5R	REMOCON UNIT	V5R	1		
A 10	RM-RXUV3	REMOCON UNIT	V3	1		
A 11	R6SPTT/2STA	BATTERY		2		
A 12	BT-56001-2	W.CARD	V5/A V3/A	1		
A 13	BT-54008-2	W.CARD	B.E.EN	1		
A 14	BT-54012-1	W.CARD	EE EV ONLY	1		
A 15	LV41088-001A	CAUTION SHEET		1		
A 16	E43486-340B	SAFETY INST	B ONLY	1		
A 17	BT-56002-2	SVC SENTER LIST	V5/A V3/A	1		
A 18	VNA3000-202	REGISTER CARD	B ONLY	1		
A 19	UXV3K-SPBOX	SPEAKER BOX	UX-V3	2		
A 20	UXV5RK-SPBOX	SPEAKER BOX	UX-V5R V5	2		

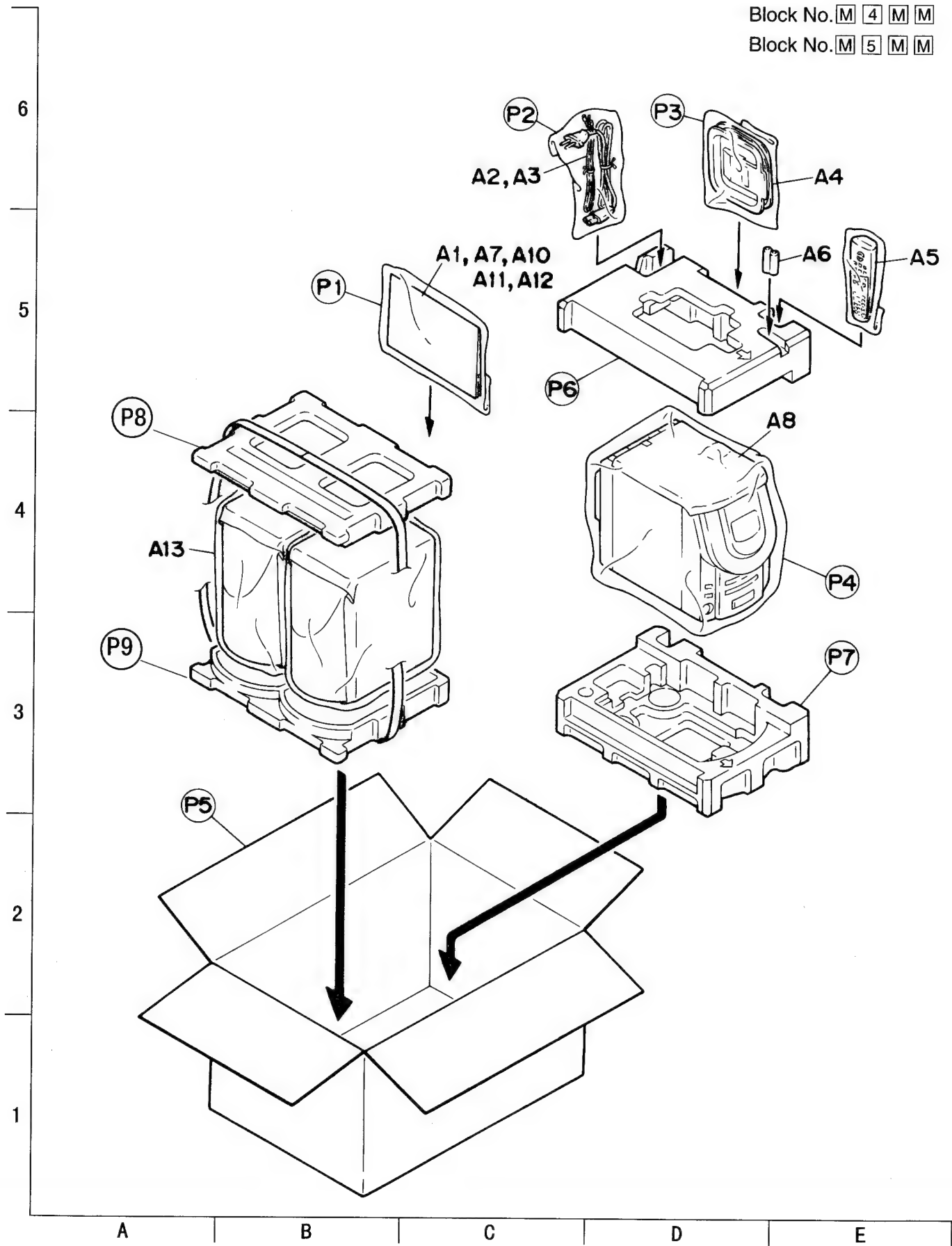
# Packing Materials and Accessories Parts List

Block No. 

M	4	M	M
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Block No. 

M	5	M	M
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PARTS LIST

[ UX-V5  
UX-V3  
FS-V5 ]

\* All printed circuit boards and its assemblies are not available as service parts.

Areas suffix  
UX-V5

UB ----- Hong Kong  
US ----- Singapore  
UT ----- Taiwan  
UX ----- Saudi Arabia

Areas suffix  
UX-V3

UB ----- Hong Kong  
US ----- Singapore  
UT ----- Taiwan  
UX ----- Saudi Arabia  
UF ----- China

Areas suffix  
FS-V5

J ----- U.S.A.

- Contents -

Exploded view of general assembly and parts List-----	4-2
CD mechanism ass'y and parts list-----	4-6
Cassette mechanism ass'y and parts List-----	4-6
Electrical parts list -----	4-8
Packing materials and accessories parts list -----	4-28

■ Parts List (General Assembly)

BLOCK NO. 1111

△	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	1	LV10170-001A	FRONT PANEL	V3	1		
		LV10170-005A	FRONT PANEL	FS-V5	1		
		LV10170-004A	FRONT PANEL	V5	1		
	2	LV40735-001A	REMOTE LENS		1		
	3	LV20303-004A	FRONT BUTTON	V5 FS-V5	1		
		LV20303-001A	FRONT BUTTON	V3	1		
	4	QYSBSF3008Z	SCREW	F.PANEL+BUTTON	5		
	5	LV20305-001A	FRONT PLATE(MD)	V3	1		
		LV20305-003A	FRONT PLATE(MD)	V5 FS-V5	1		
	6	QYSBSF3008Z	SCREW	F.PANEL+F.PLATE	1		
	7	E65923-003	TAPPING SCREW	F.PANEL+HP JACK	1		
	8	LV40954-001A	FOOT		2		
	9	QYSBSF3008Z	SCREW	CHASSIS+PWB BKT	4		
	10	LV30064-042A	SPACER	CHASSIS+PWB BKT	1		
	11	QYSBST3006Z	TH TAP SCREW	PWB BKT+PWB	4		
	12	LV20306-002A	CD DOOR	V5	1		
		LV20306-001A	CD DOOR	V3	1		
		LV20306-004A	CD DOOR	FS-V5	1		
	13	LV41105-001A	BLIND		1		
	14	PQ42376-001	JVC MARK		1		
	15	LV40743-002A	LCD LENS	V5 FS-V5	1		
		LV40743-001A	LCD LENS	V3	1		
	16	LV30860-001A	LCD HOLDER		1		
	17	LV30064-043A	SPACER		1		
	18	LV40737-001A	LENS	LCD BACKLIGHT	1		
	19	LV40739-001A	SHEET		1		
	20	LV20307-001A	DOOR COVER		1		
	21	LV20308-002A	CD DOOR LENS	V5 FS-V5	1		
		LV20308-001A	CD DOOR LENS	V3	1		
	22	QYSDSF2008M	SCREW	DOOR+COVER	3		
	23	LV40744-001A	SOCKET BOLT	DOOR+LENS	2		
	24	LV30858-001A	PWB BRACKET(L)	FOR MAICOM PWB	1		
	25	LV30859-001A	PWB BRACKET(R)	FOR MAICOM PWB	1		
	26	LV41002-001A	SHAFT	DOOR+CASE	1		
	27	LV41003-001A	DOOR SUPPORTER		1		
	28	QYSBSF3008Z	SCREW	F.PANEL+CD UNIT	2		
	29	LV10173-001A	BOTTOM CHASSIS		1		
	30	VKZ4001-016	WIRE HOLDER		1		
	31	QYSBST4006Z	SCREW	B.CHASI+TRANS	4		
	32	QHX5080-001	WIRE CLAMP		1		
	33	LV30861-001A	JACK HOLDER	FS-V5	1		
		LV30861-002A	JACK HOLDER	V5/V3	1		
	34	QYSBST3006Z	TH TAP SCREW	J.HOL.+BTM.CHAS	1		
	35	-----	CASSETTE MECHA		1		
	36	VKL7850-002	EJECT SAFTY(R)		1		
	37	VKW5258-002	TORSION SPRING		1		
	38	VYH3965-001	SIDE BRACKET(R)		1		
	39	QYSBST3008Z	SCREW	MECHA+S.BKT.	1		
	40	VYH8146-012	EJECT ARM(R)		1		
	41	VKW3006-230	TORSION SPRING		1		
	42	VKZ4341-004	SPECIAL SCREW	E.ARM+S.BKT.	1		
	43	LV31009-001A	HEAD SHIELD		1		
	44	QYSBSF2606Z	SCREW		2		
	45	LV10174-005A	TOP COVER(TD)	V5	1		

BLOCK NO. M1111

△	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
		LV10174-001A	TOP COVER(TD)	V3	1		
		LV10174-015A	TOP COVER(TD)	FS-V5	1		
	46	LV20311-001A	CASSETTE DOOR	V3	1		
		LV20311-002A	CASSETTE DOOR	V5 FS-V5	1		
	47	LV40851-001A	CASS.DOOR LENS	V3	1		
		LV40851-002A	CASS.DOOR LENS	V5 FS-V5	1		
	48	VKY4180-001	CASSETTE SPRING		2		
	49	VYH7366-001MM	GEAR		1		
	50	VKW5277-001	DOOR SPRING (R)		1		
	51	LV40745-002A	EJECT KNOB	V5 FS-V5	1		
		LV40745-001A	EJECT KNOB	V3	1		
	52	LV30863-001A	TOP BUTTON	V3	1		
		LV30863-003A	TOP BUTTON	V5 FS-V5	1		
	53	QYSBSF3008Z	SCREW	T.PANEL+T.BUTTO	4		
	54	VYSA1R4-056	SPACER	T.PANEL+T.BUTTO	1		
	55	QYSBSF3012Z	SCREW	T.PANEL+C.MECHA	4		
	59	QYSSSF3008Z	SCREW	T.PANEL+F.PANEL	2		
	60	LV30864-001A	IC HOLDER		1		
	61	QYSBSF3010Z	SCREW	IC+IC HOLDER	3		
	62	LV30865-001A	HEAT SINK 1		1		
	63	QYSBSF3010Z	SCREW	IC HOL.+H.SINK1	2		
	64	QYSBST3006Z	TH TAP SCREW	B.CHASI+AMP PWB	1		
	65	LV30866-001A	HEAT SINK 2		1		
	66	QYSBSF3010Z	SCREW	IC+HEAT SINK 2	2		
	67	QYSBSF3010Z	SCREW	H.SINK1+H.SINK2	3		
	69	QYSBSF3010Z	SCREW	J.HOLDER+REG PW	1		
	70	LV40746-001A	EARTH PLATE		1		
	71	QYSBST3006Z	TH TAP SCREW	B.CHASI+TU/FUN	1		
	72	LV10176-002A	SIDE PANEL(L)	V5 FS-V5	1		
		LV10176-001A	SIDE PANEL(L)	V3	1		
	73	LV10177-002A	SIDE PANEL(R)	V3	1		
		LV10177-002A	SIDE PANEL(R)	V5 FS-V5	1		
	74	LV10178-004A	REAR PANEL	V5/UB/UX/US/UT	1		
		LV10178-003A	REAR PANEL	FS-V5	1		
		LV10178-005A	REAR PANEL	UX-V5/UF	1		
		LV10178-008A	REAR PANEL	V3	1		
	75	LV40954-001A	FOOT		2		
	76	QYSBSF3010N	TAP SCREW		6		
	77	QYSBST3006N	T.SCREW	B.CHASSIS+R.PAN	1		
	78	QYSSST3010Z	SCREW	BTM.+SIDE+PANEL	4		
	79	LV30913-006A	NAME PLATE	UX-V3/UB	1		
		LV30913-007A	NAME PLATE	UX-V3/UT	1		
		LV30913-008A	NAME PLATE	UX-V3/UX	1		
		LV30919-002A	NAME PLATE	FS-V5	1		
		LV30919-004A	NAME PLATE	UX-V5/UT	1		
		LV30919-005A	NAME PLATE	UX-V5/UX	1		
		LV30919-007A	NAME PLATE	UX-V5/UF	1		
		LV30919-001A	NAME PLATE	UX-V5/UB/US	1		
	80	VND4118-004	CAUTION LABEL		1		
	82	LV40231-001A	CAUTION LABEL	V5/V3	1		
△	83	QMF51E2-6R3-J1	FUSE	F1902 V5/V3	1		
△		QMF51U1-8R0-J1	FUSE	F1902 FS-V5	1		
△	84	QMF51N2-1R0-J1	FUSE	F1901 FS-V5	1		
△		QMF51E2-1R0-J1	FUSE	F1901 V5/V3	1		

BLOCK NO. 

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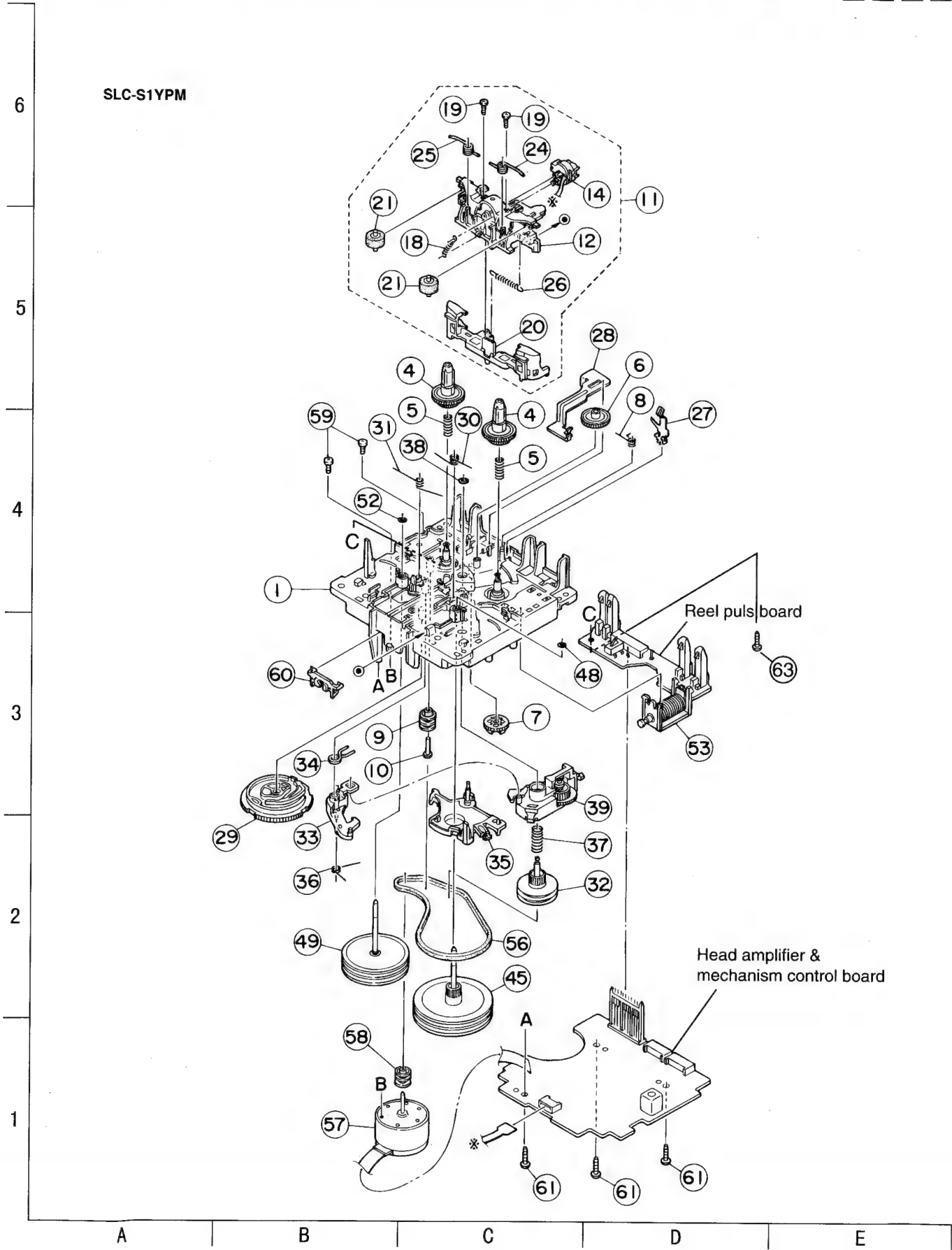




Cassette Mechanism Assembly and Parts List

Block No. 

M	3	M	M
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# Parts List (Cassette Mechanism)

BLOCK NO. **M3MM**

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
1	VKS1165-00G	CHASSIS B.ASS'Y		1		
4	VKS2274-002	REEL GEAR		2		
5	VKW5286-002	B.T. SPRING		2		
6	VKS5559-001	PLAY IDLE GEAR		1		
7	VKS5597-00A	FR GEAR ASS'Y		1		
8	VKW5296-001	EARTH SPRING		1		
9	VKR4749-002	IDLE PULLEY		1		
10	VKH5786-002	SHAFT		1		
11	VKS2275-00C	HEAD MOUNT ASSY		1		
12	VKS1167-001	HEAD MOUNT BASE		1		
14	VGH0425-544	R/P&E HEAD	VKS2275-00B	1		
18	VKW5302-001	HEAD SPRING		1		
19	VKZ4730-001	SPECIAL SCREW		2		
20	VKS2277-005	DIRECTION LEVER		1		
21	VKP4233-00A	PINCH ROL. ASSY		2		
24	VKW5299-002	PIN ROL.SP.(R)		1		
25	VKW5300-002	PIN ROL.SP.(L)		1		
26	VKW5285-001	RETURN SPRING		1		
27	VKY3149-002	CASSETTE SP.		1		
28	VKM3906-002	PLAY SW LEVER		1		
29	VKS1166-003	CONTROL CAM		1		
30	VKW5279-001	HEAD BASE SP(R)		1		
31	VKW5280-001	HEAD BASE SP(L)		1		
32	VKS5603-00D	MAIN PULLEY ASY		1		
33	VKS3785-001MM	FR ARM		1		
34	VKW5284-002	SWING SPRING		1		
35	VKS2278-003	TRIGGER ARM		1		
36	VKW5301-001	FR SPRING		1		
37	VKW5266-001	ELEVATOR SPRING		1		
38	WDL214025	WASHER		1		
39	VKS3786-00G	CLUTCH ASS'Y		1		
45	VKF3205-00B	F.WHEEL ASSY(R)		1		
48	WDL183425	SLIT WASHER		1		
49	VKF3207-00B	F.WHEEL ASSY(L)		1		
52	WDL173525-6	SLIT WASHER		1		
53	VKZ3174-00A	DC SOLENOID		1		
56	VKB3000-181	CAPSTAN BELT		1		
57	MSI-5U2LWA	D.C.MOTOR ASS'Y		1		
58	VKR4761-001	MOTOR PULLEY		1		
59	QYSPSP2604Z	SCREW		2		
60	VKS5577-001	FPC HOLDER		1		
61	QYSBSF2608Z	T.SCREW	FOR P.W.B.	3		
63	QYSBSF2006Z	SCREW		1		

Electrical Parts List

■ Main Board (UX-V5/UX-V3R)

BLOCK NO. 01				BLOCK NO. 02								
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	
	CN195	QGB2016J1-15	CONNECTOR				C3226	QVFNHJ-2742	TF CAPACITOR			
	CN196	VMC0289-S12	CONNECTOR				C3252	QFN31HJ-563Z	M.CAPA. I.M	-27MF 5X 50V		
	CN197	VM20076-002	CONNECTOR				C3253	QFN31HJ-563Z	M.CAPA. I.M	-056MF 5X 50V		
	CN199	QGA7901C1-04	CONNECTOR				C3254	QFN41HJ-472	M CAPACITOR	4700PF 5X 50V		
	CN301	QGB2016K1-15	B TO B CONNE	POWER PWB			C3257	QFN41HJ-123	M CAPACITOR	-012MF 5X 50V		
	CN304	QGA2501C3-05Z	CONNECTOR	HEADPHONE			C3258	QTE1C03-106Z	E CAPACITOR			
	CN308	QNB5011-002	2P CONNECTOR	CD DOOR			C3301	QETC1EM-106Z	E CAPACITOR	10MF 20X 25V		
	CN311	QNB0092-001	SPK TERMINAL	SPEAKER			C3321	QETC1EM-476Z	E CAPACITOR	47MF 20X 25V		
	CN371	QGB1214K1-12S	CONNECTOR	MICOM TOP			C3322	QTE1E03-226Z	E CAPACITOR			
	CN372	QGB1214K1-12S	CONNECTOR	MICOM BOT			C3331	QETC1HM-105Z	E CAPACITOR	1.0MF 20X 50V		
	C1301	QET41CM-106	E CAPACITOR	10MF 20X 16V			C3332	QETC1HM-105Z	E CAPACITOR	1.0MF 20X 50V		
	C1302	QET41HM-105	E CAPACITOR	1.0MF 20X 50V			C3333	QVFNHJ-563Z	CAPACITOR	-056MF 5X 50V		
	C1303	QETN1HM-104Z	E CAPACITOR	-10MF 20X 50V			C3334	QVFNHJ-563Z	CAPACITOR	-056MF 5X 50V		
	C1304	QET41HM-105	E CAPACITOR	1.0MF 20X 50V			C3335	QETC1HM-105Z	E CAPACITOR	1.0MF 20X 50V		
	C1305	QCS11HJ-390	C CAPACITOR	39PF 5X 50V			C3336	QETC1EM-106Z	E CAPACITOR	10MF 20X 25V		
	C1306	QET41CM-226	E CAPACITOR	22MF 20X 16V			C3351	QETC1EM-107Z	E CAPACITOR	100MF 20X 25V		
	C1307	QGBB1HK-101V	C CAPACITOR	100PF 10X 50V			C3353	QETC1HM-474Z	E CAPACITOR	-47MF 20X 50V		
	C1308	QET41CM-226	E CAPACITOR	22MF 20X 16V			C3354	QETC1HM-474Z	E CAPACITOR	-47MF 20X 50V		
	C1309	QET41CM-226	E CAPACITOR	22MF 20X 16V			C3355	QETC1HM-474Z	E CAPACITOR	-47MF 20X 50V		
	C1901	QFV41HJ-104	TF CAPACITOR	-10MF 5X 50V			C3356	QTE1C28-106Z	E.CAPA. I.M	10MF 20X 50V		
	C1902	QFV41HJ-104	TF CAPACITOR	-10MF 5X 50V			C3357	QETC1EM-106Z	E CAPACITOR	10MF 20X 25V		
	C1903	QFV41HJ-104	TF CAPACITOR	-10MF 5X 50V			C3801	QER61EM-106Z	E.CAPA. I.M	10MF 20X 25V		
	C1904	QFV41HJ-104	TF CAPACITOR	-10MF 5X 50V			C3802	QER41CM-476	E CAPACITOR	47MF 20X 16V		
	C1910	QDYB1CM-103Y	ABCAPACITOR				C3803	QFV41HJ-103	TF CAPACITOR	-010MF 5X 50V		
	C1911	QTE1C03-106Z	E CAPACITOR				C3804	QER41CM-476	E CAPACITOR	47MF 20X 16V		
	C1912	QTE1E06-476Z	E CAPACITOR				C3805	QCZ0205-155Z	ML C CAP I/M	1.5MF		
	C1916	QFV41HJ-104	TF CAPACITOR	-10MF 5X 50V			C3901	QETC1EM-476Z	E CAPACITOR	47MF 20X 25V		
	C1917	QETC1CM-106Z	E CAPACITOR	10MF 20X 16V			C3902	QDYB1CM-103Y	ABCAPACITOR	220PF 10X 50V		
	C3001	QETM1EM-828	E CAPACITOR	8200MF 20X 25V			C3903	QCBBIHK-221Y	C CAPACITOR	220PF 10X 50V		
	C3002	QFV41HJ-104	TF CAPACITOR	-10MF 5X 50V			C3904	QCBBIHK-221Y	C CAPACITOR	220PF 10X 50V		
	C3003	QETC1EM-107Z	E CAPACITOR	100MF 20X 25V			C3931	QETC1EM-107Z	E CAPACITOR	100MF 20X 25V		
	C3004	QTE1A28-337Z	E CAPACITOR	33MF 20X 25V			C3951	QER61EM-106Z	E.CAPA. I.M	10MF 20X 25V		
	C3005	QETC1EM-336Z	E CAPACITOR	33MF 20X 25V			C3952	QER61EM-226Z	E.CAPA. I.M	22MF 20X 25V		
	C3006	QETC1HM-225Z	E CAPACITOR	2.2MF 20X 50V			C3999	QCBBIHK-151Y	C CAPACITOR	FTZ		
	C3007	QETC1EM-104Z	E CAPACITOR	10MF 20X 25V			D1301	ISS133-T2	DIODE	MIC		
	C3101	QETC1EM-106Z	E CAPACITOR				D1302	ISS133-T2	DIODE	MIC		
	C3103	QGBB1HK-331Y	C CAPACITOR	330PF 10X 50V			A	D1901	D55BA20-S1	SI DIODE	ANALOG	
	C3104	QDX31EM-104Z	C CAPACITOR	-082MF 5X 50V			A	D1908	MTZJ4.3B-T2	ZENER DIODE	CD6V	
	C3105	QDX31EM-104Z	C CAPACITOR	-082MF 5X 50V			A	D1913	MTZJ6.8B-T2	DIODE	USSV	
	C3121	QFN41HJ-823	M CAPACITOR	-082MF 5X 50V			D3321	MTZJ5.1A-T2	ZENER DIODE			
	C3122	QFN41HJ-823	M CAPACITOR	-082MF 5X 50V			D3331	ISS133-T2	DIODE			
	C3125	QTE1A03-226Z	E CAPACITOR	-27MF 5X 50V			D3332	ISS133-T2	DIODE			
	C3126	QVFNHJ-2742	TF CAPACITOR	-056MF 5X 50V			D3333	ISS133-T2	DIODE			
	C3152	QFN31HJ-563Z	M.CAPA. I.M	-056MF 5X 50V			D3334	ISS133-T2	DIODE			
	C3153	QFN31HJ-563Z	M.CAPA. I.M	-056MF 5X 50V			D3801	DSK10C-T1	DIODE			
	C3154	QFN41HJ-472	M CAPACITOR	4700PF 5X 50V			D3901	ISS133-T2	DIODE			
	C3157	QFN41HJ-123	M CAPACITOR	-012MF 5X 50V			D3902	MTZJ10A-T2	ZENER DIODE			
	C3158	QTE1C03-106Z	E CAPACITOR				D3903	MTZJ5.6C-T2	ZENER DIODE			
	C3201	QTE1C03-106Z	E CAPACITOR				D3931	MTZJ11A-T2	Z-DIODE I.M			
	C3203	QGBB1HK-331Y	C CAPACITOR	330PF 10X 50V			D3932	ISS133-T2	DIODE			
	C3204	QDX31EM-104Z	C CAPACITOR	-082MF 5X 50V			D3951	MTZJ6.8A-T2	ZENER DIODE			
	C3205	QDX31EM-104Z	C CAPACITOR	-082MF 5X 50V			D3952	MTZJ10A-T2	ZENER DIODE			
	C3221	QFN41HJ-823	M CAPACITOR	-082MF 5X 50V			EP301	GN20136-001Z	IC			
	C3222	QFN41HJ-823	M CAPACITOR	-082MF 5X 50V			IC131	NJM4580L	IC			
	C3225	QTE1A03-226Z	E CAPACITOR				IC191	UPC78L05J-T	IC			

BLOCK NO. 01111111				BLOCK NO. 01111111			
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME
A 1C301	LA2705NA	IC	POWER AMP		A R3122	GRE141J-221V	C RESISTOR
A 1C302	NJM4580L-D	IC	AHB AMP		A R3123	GRE141J-202V	C RESISTOR
A 1C305	BH3852S	IC	E VOL		A R3124	GRE141J-223V	C RESISTOR
A 1C308	TAB409S	IC	MIC		A R3125	GRE141J-153V	C RESISTOR
A J1301	QNS0032-001	JACK			A R3127	GRE141J-153V	C RESISTOR
A J1901	QNS0006-001	AC SOCKET			A R3128	GRE141J-472V	C RESISTOR
A K3801	QQR0779-001Z	INDUCTOR			A R3129	GRE141J-562V	C RESISTOR
A LF191	QQR0779-001	INDUCTOR			A R3131	GRE141J-223V	C RESISTOR
A L3801	QQL25CK-221Z	INDUCTOR			A R3132	GRE141J-223V	C RESISTOR
A Q1301	2SC2785/FE/-T	TRANSISTOR	MIC		A R3133	GRE141J-103V	C RESISTOR
A Q1302	2SC2785/FE/-T	TRANSISTOR	MIC		A R3134	GRE141J-223V	C RESISTOR
A Q1901	2SA1359/0Y/-T	TRANSISTOR	CD6V		A R3135	GRE141J-182V	C RESISTOR
A Q1902	2SC2785/FE/-T	TRANSISTOR	CD6V		A R3136	GRE141J-182V	C RESISTOR
A Q3101	2SD1445/VW/-T	TRANSISTOR	I/M		A R3204	GRE141J-472V	C RESISTOR
A Q3131	2SC2785/FE/-T	TRANSISTOR			A R3205	GRE141J-2R2V	C RESISTOR
A Q3201	2SD1445/VW/-T	TRANSISTOR	I/M		A R3205	GRE141J-2R2V	C RESISTOR
A Q3231	2SC2785/FE/-T	TRANSISTOR			A R3222	GRE141J-224V	C RESISTOR
A Q3301	DTA143ES-T	TR I/M			A R3223	GRE141J-202V	C RESISTOR
A Q3801	2SC2785/FE/-T	TRANSISTOR			A R3224	GRE141J-222V	C RESISTOR
A Q3901	2SB941/P/-T	TRANSISTOR			A R3225	GRE141J-123V	C RESISTOR
A Q3902	2SA175/HFE/-T	TRANSISTOR			A R3227	GRE141J-153V	C RESISTOR
A Q3903	2SC2785/FE/-T	TRANSISTOR			A R3228	GRE141J-472V	C RESISTOR
A Q3904	KRC114M-T	TRANSISTOR			A R3229	GRE141J-562V	C RESISTOR
A Q3905	DTA144TSA-T	D TRANSISTOR			A R3231	GRE141J-223V	C RESISTOR
A Q3906	2SC2785/FE/-T	TRANSISTOR			A R3232	GRE141J-223V	C RESISTOR
A Q3931	2SC6001/LK/-T	TRANSISTOR	UT		A R3233	GRE141J-103V	C RESISTOR
A Q3951	2SA665/0Y/-T	SI TRANSISTOR			A R3234	GRE141J-622V	C RESISTOR
A Q3952	KTC3199/GL/-T	TRANSISTOR			A R3235	GRE141J-222V	C RESISTOR
A R1301	GRE141J-103Y	C RESISTOR			A R3236	GRE141J-182V	C RESISTOR
A R1303	GRE141J-474Y	C RESISTOR	10K 5X 1/4W		A R3321	GRE141J-182V	C RESISTOR
A R1304	GRE141J-103Y	C RESISTOR	470K 5X 1/4W		A R3322	GRE141J-151V	C RESISTOR
A R1305	GRE141J-103Y	C RESISTOR	10K 5X 1/4W		A R3331	GRE141J-182V	C RESISTOR
A R1306	GRE141J-102Y	C RESISTOR	10K 5X 1/4W		A R3332	GRE141J-472V	C RESISTOR
A R1307	GRE141J-103Y	C RESISTOR	1.0K 5X 1/4W		A R3333	GRE141J-472V	C RESISTOR
A R1308	GRE141J-471Y	C RESISTOR	10K 5X 1/4W		A R3334	GRE141J-154V	C RESISTOR
A R1309	GRE141J-103Y	C RESISTOR	470 5X 1/4W		A R3335	GRE141J-124V	C RESISTOR
A R1310	GRE141J-102Y	C RESISTOR	10K 5X 1/4W		A R3336	GRE141J-513V	C RESISTOR
A R1311	GRE141J-564Y	C RESISTOR	10K 5X 1/4W		A R3337	GRE141J-151V	C RESISTOR
A R1312	GRE141J-392Y	C RESISTOR	560K 5X 1/4W		A R3338	GRE141J-151V	C RESISTOR
A R1313	GRE141J-103Y	C RESISTOR	3.9K 5X 1/4W		A R3339	GRE141J-124V	C RESISTOR
A R1314	GRE141J-273Y	C RESISTOR	10K 5X 1/4W		A R3340	GRE141J-154Y	C RESISTOR
A R1315	GRE141J-154Y	C RESISTOR	27K 5X 1/4W		A R3341	GRE141J-124Y	C RESISTOR
A R1316	GRE141J-154Y	C RESISTOR	150K 5X 1/4W		A R3342	GRE141J-124Y	C RESISTOR
A R1317	GRE141J-103Y	C RESISTOR	150K 5X 1/4W		A R3801	GRJ1461-151X	C RESISTOR
A R1318	GRE141J-221V	C RESISTOR	10K 5X 1/4W		A R3802	GRE141J-153V	C RESISTOR
A R1902	GRE141J-181Y	C RESISTOR	220 5X 1/4W		A R3803	GRE141J-473V	C RESISTOR
A R1903	GRE141J-103Y	C RESISTOR	180 5X 1/4W		A R3804	GRE141J-183V	C RESISTOR
A R1904	GRE141J-103Y	C RESISTOR	10K 5X 1/4W		A R3805	GRE141J-100V	C RESISTOR
A R1922	GRZ0006-4R7X	F RESISTOR	10K 5X 1/4W		A R3901	GRE141J-182Y	C RES I-M
A R3001	GRE141J-103Y	C RESISTOR	4.7 1/0W		A R3902	GRE141J-182Y	C RES I-M
A R3102	GRE141J-472Y	C RESISTOR	10K 5X 1/4W		A R3903	GRE141J-182Y	C RES I-M
A R3104	GRE141J-2R2Y	C RESISTOR	4.7K 5X 1/4W		A R3904	GRE141J-182Y	C RES I-M
A R3105	GRE141J-2R2Y	C RESISTOR	2.2 5X 1/4W		A R3905	GRE141J-471V	C RESISTOR

BLOCK NO. 01111111				BLOCK NO. 01111111			
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME
A R3122	GRE141J-221V	C RESISTOR	220K 5X 1/4W		A R3122	GRE141J-221V	C RESISTOR
A R3123	GRE141J-202V	C RESISTOR	2.0K 5X 1/4W		A R3123	GRE141J-202V	C RESISTOR
A R3124	GRE141J-223V	C RESISTOR	2.2K 5X 1/4W		A R3124	GRE141J-223V	C RESISTOR
A R3125	GRE141J-153V	C RESISTOR	12K 5X 1/4W		A R3125	GRE141J-153V	C RESISTOR
A R3127	GRE141J-153V	C RESISTOR	15K 5X 1/4W		A R3127	GRE141J-153V	C RESISTOR
A R3128	GRE141J-472V	C RESISTOR	4.7K 5X 1/4W		A R3128	GRE141J-472V	C RESISTOR
A R3129	GRE141J-562V	C RESISTOR	5.6K 5X 1/4W		A R3129	GRE141J-562V	C RESISTOR
A R3131	GRE141J-223V	C RESISTOR	22K 5X 1/4W		A R3131	GRE141J-223V	C RESISTOR
A R3132	GRE141J-223V	C RESISTOR	22K 5X 1/4W		A R3132	GRE141J-223V	C RESISTOR
A R3133	GRE141J-103V	C RESISTOR	10K 5X 1/4W		A R3133	GRE141J-103V	C RESISTOR
A R3134	GRE141J-223V	C RESISTOR	2.2K 5X 1/4W		A R3134	GRE141J-223V	C RESISTOR
A R3135	GRE141J-182V	C RESISTOR	1.8K 5X 1/4W		A R3135	GRE141J-182V	C RESISTOR
A R3136	GRE141J-182V	C RESISTOR	1.8K 5X 1/4W		A R3136	GRE141J-182V	C RESISTOR
A R3204	GRE141J-472V	C RESISTOR	4.7K 5X 1/4W		A R3204	GRE141J-472V	C RESISTOR
A R3205	GRE141J-2R2V	C RESISTOR	2.2 5X 1/4W		A R3205	GRE141J-2R2V	C RESISTOR
A R3222	GRE141J-224V	C RESISTOR	220K 5X 1/4W		A R3222	GRE141J-224V	C RESISTOR
A R3223	GRE141J-202V	C RESISTOR	2.0K 5X 1/4W		A R3223	GRE141J-202V	C RESISTOR
A R3224	GRE141J-222V	C RESISTOR	2.2K 5X 1/4W		A R3224	GRE141J-222V	C RESISTOR
A R3225	GRE141J-123V	C RESISTOR	12K 5X 1/4W		A R3225	GRE141J-123V	C RESISTOR
A R3227	GRE141J-153V	C RESISTOR	15K 5X 1/4W		A R3227	GRE141J-153V	C RESISTOR
A R3228	GRE141J-472V	C RESISTOR	4.7K 5X 1/4W		A R3228	GRE141J-472V	C RESISTOR
A R3229	GRE141J-562V	C RESISTOR	5.6K 5X 1/4W		A R3229	GRE141J-562V	C RESISTOR
A R3231	GRE141J-223V	C RESISTOR	22K 5X 1/4W		A R3231	GRE141J-223V	C RESISTOR
A R3232	GRE141J-223V	C RESISTOR	22K 5X 1/4W		A R3232	GRE141J-223V	C RESISTOR
A R3233	GRE141J-103V	C RESISTOR	10K 5X 1/4W		A R3233	GRE141J-103V	C RESISTOR
A R3234	GRE141J-622V	C RESISTOR	6.2K 5X 1/4W		A R3234	GRE141J-622V	C RESISTOR
A R3235	GRE141J-222V	C RESISTOR	2.2K 5X 1/4W		A R3235	GRE141J-222V	C RESISTOR
A R3236	GRE141J-182V	C RESISTOR	1.8K 5X 1/4W		A R3236	GRE141J-182V	C RESISTOR
A R3321	GRE141J-182V	C RESISTOR	1.8K 5X 1/4W		A R3321	GRE141J-182V	C RESISTOR
A R3322	GRE141J-151V	C RESISTOR	150 5X 1/4W		A R3322	GRE141J-151V	C RESISTOR
A R3331	GRE141J-182V	C RESISTOR	1.8K 5X 1/4W		A R3331	GRE141J-182V	C RESISTOR
A R3332	GRE141J-472V	C RESISTOR	4.7K 5X 1/4W		A R3332	GRE141J-472V	C RESISTOR
A R3333	GRE141J-472V	C RESISTOR	4.7K 5X 1/4W		A R3333	GRE141J-472V	C RESISTOR
A R3334	GRE141J-154V	C RESISTOR	150K 5X 1/4W		A R3334	GRE141J-154V	C RESISTOR
A R3335	GRE141J-124V	C RESISTOR	120K 5X 1/4W		A R3335	GRE141J-124V	C RESISTOR
A R3336	GRE141J-513V	C RESISTOR	51K 5X 1/4W		A R3336	GRE141J-513V	C RESISTOR
A R3337	GRE141J-151V	C RESISTOR	150 5X 1/4W		A R3337	GRE141J-151V	C RESISTOR
A R3338	GRE141J-151V	C RESISTOR	150 5X 1/4W		A R3338	GRE141J-151V	C RESISTOR
A R3339	GRE141J-124V	C RESISTOR	120K 5X 1/4W		A R3339	GRE141J-124V	C RESISTOR
A R3340	GRE141J-154Y	C RESISTOR	150K 5X 1/4W		A R3340	GRE141J-154Y	C RESISTOR
A R3801	GRJ1461-151X	C RESISTOR	120K 5X 1/4W		A R3801	GRJ1461-151X	C RESISTOR
A R3802	GRE141J-153V	C RESISTOR	15K 5X 1/4W		A R3802	GRE141J-153V	C RESISTOR
A R3803	GRE141J-473V	C RESISTOR	47K 5X 1/4W		A R3803	GRE141J-473V	C RESISTOR
A R3804	GRE141J-183V	C RESISTOR	18K 5X 1/4W		A R3804	GRE141J-183V	C RESISTOR
A R3805	GRE141J-100V	C RESISTOR	10 5X 1/4W		A R3805	GRE141J-100V	C RESISTOR
A R3901	GRE141J-182Y	C RES I-M	1.2 5X 1/4W		A R3901	GRE141J-182Y	C RES I-M
A R3902	GRE141J-182Y	C RES I-M	1.2 5X 1/4W		A R3902	GRE141J-182Y	C RES I-M
A R3903	GRE141J-182Y	C RES I-M	1.2 5X 1/4W		A R3903	GRE141J-182Y	C RES I-M
A R3904	GRE141J-182Y	C RES I-M	1.2 5X 1/4W		A R3904	GRE141J-182Y	C RES I-M
A R3905	GRE141J-471V	C RESISTOR	470 5X 1/4W		A R3905	GRE141J-471V	C RESISTOR

■ Function/Tuner Board (UX-V5/UX-V3R)

BLOCK NO. 01					BLOCK NO. 02				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R3906	GRE141J-122Y	C RESISTOR	1.2K 5% 1/4W		C	1	NCB21HK-223X	-0.22MF 10X 50V	
R3907	GRE141J-752Y	C RESISTOR	7.5K 5% 1/4W		C	3	NCB21EK-473X	-0.47MF 10X 25V	
R3908	GRE141J-152Y	C RESISTOR	1.5K 5% 1/4W		C	4	NCB21HK-103X	-0.10MF 10X 50V	
R3909	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C	5	QEK41CM-106	10MF 20X 16V	
R3910	GRE141J-672Y	C RESISTOR	4.7K 5% 1/4W		C	8	NCB21HK-103X	-0.10MF 10X 50V	
R3911	GRE141J-571Y	C RESISTOR	470 5% 1/4W		C	9	NCB21HK-102X	1000PF 10X 50V	
R3912	GRE141J-681Y	C RESISTOR	680 5% 1/4W		C	21	NCB21EK-473X	-0.47MF 10X 25V	
R3913	GRE141J-681Y	C RESISTOR	680 5% 1/4W		C	23	NCB21HJ-3R0X	3.0PF 5X 50V	
R3914	GRE141J-681Y	C RESISTOR	680 5% 1/4W		C	30	QEK61CM-474Z	47MF 20X 16V	
R3915	GRE141J-681Y	C RESISTOR	680 5% 1/4W		C	31	NCB21HJ-2R0X	2.0PF 5X 50V	
R3916	GRE141J-681Y	C RESISTOR	680 5% 1/4W		C	33	NCB21HK-102X	1000PF 10X 50V	
R3917	GRE141J-682Y	C RESISTOR	6.8K 5% 1/4W		C	33	QEK41AM-107Z	100MF 20X 10V	
R3918	GRE141J-472Y	C RESISTOR	4.7K 5% 1/4W		C	34	NCB21HJ-150X	150PF 5X 50V	
R3919	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W		C	35	NCB21HK-102X	1000PF 10X 50V	
R3920	GRE141J-223Y	C RESISTOR	22K 5% 1/4W		C	36	QEK61CM-106Z	10MF 20X 16V	
R3921	GRE141J-103Y	C RESISTOR	10K 5% 1/4W		C	37	NCB21EK-473X	-0.47MF 10X 25V	
R3931	GRE141J-561Y	F RESISTOR	560 5% 1/4W		C	39	NCB21EK-473X	-0.47MF 10X 25V	
R3951	QRZ9006-6R8X		FS-V5		C	40	NCB21HK-103X	-0.10MF 10X 50V	
R3952	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C	41	QEK61HM-104Z	-1.0MF 20X 50V	
R3953	GRE141J-103Y	C RESISTOR	10K 5% 1/4W		C	42	QEK61HM-474Z	-47MF 20X 50V	
R3954	GRE141J-103Y	C RESISTOR	10K 5% 1/4W		C	44	NCB21HJ-221X	220PF 5X 50V	
R5001	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C	45	QEK61HM-335Z	3.3MF 20X 50V	
R5002	GRE141J-102Y	C RESISTOR	1.0K 5% 1/4W		C	46	NCB21HK-103X	-0.22MF 10X 50V	
R5003	GRE141J-122Y	C RESISTOR	1.2K 5% 1/4W		C	47	NCB21HK-103X	-0.10MF 10X 50V	
R5004	GRE141J-152Y	C RESISTOR	1.5K 5% 1/4W		C	49	NCB21HK-153X	-0.15MF 10X 50V	
R5005	GRE141J-222Y	C RESISTOR	2.2K 5% 1/4W		C	50	NCB21HK-153X	-0.15MF 10X 50V	
R5006	GRE141J-272Y	C RESISTOR	2.7K 5% 1/4W		C	51	QEK61HM-105Z	1.0MF 20X 50V	
R5007	GRE141J-392Y	C RESISTOR	3.9K 5% 1/4W		C	52	QEK61HM-105Z	1.0MF 20X 50V	
R5008	GRE141J-562Y	C RESISTOR	5.6K 5% 1/4W		C	55	NCB21HJ-120X	12PF 5X 50V	
R7001	QRZ9006-6R7X	F RESISTOR	USAV F RES *-V3		C	60	QEK61AM-107Z	100MF 20X 10V	
S5001	VMZ0126-003	VOLTAGE SELECTOR	V5/UB/US/UX/UT		C	61	NCB21HJ-120X	12PF 5X 50V	
S5002	QSW0698-001Z	TACT SWITCH	REC		C	62	NCB21HJ-120X	12PF 5X 50V	
S5003	QSW0698-001Z	TACT SWITCH	REV. MODE		C	63	NCB21EK-473X	-0.47MF 10X 25V	
S5004	QSW0698-001Z	TACT SWITCH	SLEEP		C	65	NCB21HK-102X	1000PF 10X 50V	
S5005	QSW0698-001Z	TACT SWITCH	CLOCK		C	66	NCB21HJ-151X	150PF 5X 50V	
S5006	QSW0698-001Z	TACT SWITCH	TIMER		C	67	NCB21HJ-151X	150PF 5X 50V	
S5007	QSW0698-001Z	TACT SWITCH	VOL. UP		C	68	NCB21HJ-151X	150PF 5X 50V	
S5008	QSW0698-001Z	TACT SWITCH	VOL. DOWN		C	69	QEK61HM-225Z	2.2MF 20X 50V	
S5009	QSW0698-001Z	TACT SWITCH	AHB		C	70	NCB21HK-332X	3300PF 10X 50V	
VR131	QVQ0112-824	V RESISTOR	MIC		C	71	QEK61HM-332Z	3.3MF 20X 50V	
Z1901	QNG0020-001Z	FUSE CLIP	FOR F1901		C	72	NCB21HK-102X	1000PF 10X 50V	
Z1902	QNG0020-001Z	FUSE CLIP	FOR F1901		C	80	NCB21HJ-BR0X	8.0PF 5X 50V	
Z1903	QNG0020-001Z	FUSE CLIP	FOR F1902		C	81	NCB21HK-122X	1200PF 10X 50V	
Z1904	QNG0020-001Z	FUSE CLIP	FOR F1902		C	82	NCB21EK-473X	-0.47MF 10X 25V	
					C	83	NCB21HK-103X	-0.10MF 10X 50V	
					C	84	NCB21HK-103X	-0.10MF 10X 50V	
					C	85	NCB21HK-102X	1000PF 10X 50V	
					C	86	NCB21HK-102X	1000PF 10X 50V	
					C	90	NCB21HK-682X	6800PF 10X 50V	
					C	91	NCB21EK-473X	-0.47MF 10X 25V	
					C	92	NCB21HJ-101X	100PF 5X 50V	
					C	93	NCB21HJ-100X	10PF 5X 50V	
					C	94	NCB21HJ-120X	12PF 5X 50V	
					C	95	NCB21HJ-102X	1000PF 5X 50V	
					C	96	NCB21HJ-BR0X	8.0PF 5X 50V	

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
D 1	1SS133-T2	DIODE		
D 2	1SS133-T2	DIODE		
D 3	1SS133-T2	DIODE		
D 4	1SS133-T2	DIODE		
D 5	1SS133-T2	DIODE		
D 6	1SS133-T2	DIODE		
D 20	SVC344-T	VARI CAP	V3/UT	
D 20	KV1555N-T	VARI CAP	V3/UT	
D 21	KV1555N-T	VARI CAP		
D 21	SVC344-T	VARI CAP		
D1801	GLD0079-001	LCD MODULE		
D5301	MTZJ3.5B-T2	ZENER DIODE 1/M	AUX MUTE	
D5302	1SS133-T2	DIODE	SEIDENKI	
D5303	1SS133-T2	DIODE		
D5304	1SS133-T2	DIODE		
D5901	MTZJ3.9B-T2	2 DIODE		
D5902	1SS133-T2	DIODE		
D5903	1SS133-T2	DIODE		
D5905	MTZJ9.1A-T2	ZENER DIODE	CT	
D5906	1SS133-T2	DIODE		
D8001	SPR-39MVF	LED	RED	
D8003	1SS133-T2	DIODE		
D8301	SELUIE56BM	LED	V3	
D8301	TYH156P	LED	V5	
D8302	TYH156P	LED	V5	
D8302	SELUIE56BM	LED	V3	
D8303	SELUIE56BM	LED	V3	
D8303	TYH156P	LED	V5	
EP501	GNZ0136-0012	EARTH PLATE		
IC 1	TA2057N	IC		
IC 2	LC72136N	IC		
IC531	BA15218F-W	IC		
IC801	PM6938-V4	RM-RECEIVER	AM/FM ANT	
J 1	GNB0008-001	ANT TERMINAL		
J3004	QNS0032-001	JACK		
J5301	GN0306-001	4PIN JACK ASSY	A5MD 2P	
J5701	GP1F32T	OPTICAL JACK	MD 32R	
K3106	GR0779-0012	INDUCTOR		
K3206	GR0779-0012	INDUCTOR		
K5301	GR0779-0012	INDUCTOR		
K5302	GR0779-0012	INDUCTOR		
K5303	GR0779-0012	INDUCTOR		
K5307	GR0779-0012	INDUCTOR		
L 1	GR0796-001	COIL BLOCK	CD AG	
L 4	QGL231K-221Y	INDUCTOR	MW RF/OSC	
L 5	QGL231K-220Y	INDUCTOR		
L 6	GR0792-001	OSC COIL	SW1 OSC	
L 7	GR0791-001	RF COIL	SW2 RF	
L 8	GR0791-001	RF COIL	SW2 OSC	
L 10	GR0874-001	COIL		
L 11	GR0874-001	COIL		
L 12	QGL231K-221Y	INDUCTOR		
LF511	GR0590-001	FILTER		
LF521	GR0590-001	FILTER		
L3106	QGL231K-470Y	INDUCTOR		

BLOCK NO. 02

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C 97	NC521HJ-40X	C CAPACITOR	4.0PF 5X 50V	
C 99	NCB21EK-104X	C CAPACITOR	.10MF 10X 25V	
CF 1	QAX0419-001Z	C FILTER		
CF 2	QAX0419-001Z	C FILTER		
CF 3	QAX0418-001Z	C FILTER		
CF 4	QAX0409-001	CERA LOCK		
CN 43	GGF1201F3-09	CONNECTOR	CT	
CN 44	GGF1201F3-10	CONNECTOR	CT	
CN501	GA2001F1-04	4P PLUG ASSY	MD6P	
CN502	GGF1201C3-10	CONNECTOR	VCD12P	
CN503	VNC0289-F12	CONNECTOR		
CN504	GA2501F1-03	CONNECTOR		
CN506	QGB1214J1-12S	CONNECTOR		
CN507	QGB1214J1-12S	CONNECTOR		
CN508	GA2001F1-02	2P CONNECTOR		
CN811	GGF1016F1-07	CONNECTOR		
CN812	GGF1008F1-11	CONNECTOR		
C3108	NC521HJ-331X	C CAPACITOR	330PF 5X 50V	
C3208	NC521HJ-331X	C CAPACITOR	330PF 5X 50V	
C3101	NC521HJ-151X	C CAPACITOR	150PF 5X 50V	
C3102	QFN41HJ-562	M CAPACITOR	5600PF 5X 50V	
C3103	QTE1H06-4752	E CAPACITOR		
C3105	NC521HJ-330X	C CAPACITOR	33PF 5X 50V	
C3106	NC521HJ-100X	C CAPACITOR	10PF 5X 50V	
C3107	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C3108	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C3109	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
C3110	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C3201	NC521HJ-151X	C CAPACITOR	150PF 5X 50V	
C3202	QFN41HJ-562	M CAPACITOR	5600PF 5X 50V	
C3203	QTE1H06-4752	E CAPACITOR		
C3205	NC521HJ-330X	C CAPACITOR	33PF 5X 50V	
C3206	NC521HJ-100X	C CAPACITOR	10PF 5X 50V	
C3207	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C3208	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C3209	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
C3210	QER41HM-475	E CAPACITOR	4.7MF 20X 50V	
C3301	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
C3302	QER41HM-225	E CAPACITOR	2.2MF 20X 50V	
C3303	QER41HM-225	E CAPACITOR	2.2MF 20X 50V	
C3304	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
C3307	QER41CM-474	E CAPACITOR	47MF 20X 16V	
C3308	QER41CM-224	E CAPACITOR	22MF 20X 16V	
C3309	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
C3311	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
C3312	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
C3313	NCF21H2-104X	C CAPACITOR	.10MF +80%-20X	
C3315	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
C5901	QER41EM-475	E CAPACITOR	4.7MF 20X 25V	
C5902	QER41CM-1072	E.CAPA. I.M	100MF 20X 16V	
C5903	QER41CM-476	E CAPACITOR	47MF 20X 16V	
C8001	QER41AM-107	E CAPACITOR	100MF 20X 10V	
C8002	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
C8201	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
C8202	NC521HJ-101X	C CAPACITOR	100PF 5X 50V	

BLOCK NO. 02					BLOCK NO. 02					
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
L3206	QGL231K-470Y	INDUCTOR	FTZ			R 28	NRSA02J-560X	MG RESISTOR	56 5X 1/10W	
L3301	QGL29BJ-470Z	INDUCTOR				R 29	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
PP531	QZM0007-001	POST PIN				R 30	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
PP532	QZM0007-001	POST PIN				R 31	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
PP533	QZM0007-001	POST PIN				R 32	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
Q 1	2SC266B/0/-T	TRANSISTOR TAPE				R 34	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
Q 2	DTA114TKA-X	DIGITAL-TR	SW1 SWITCH			R 35	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
Q 3	DTA114TKA-X	DIGITAL-TR	MW SWITCH			R 36	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
Q 6	DTA114TKA-X	TRANSISTOR				R 37	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W	
Q 7	2SA1037AK/R/-X	CHIP TR.C.M				R 38	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
Q 8	2SA1037AK/R/-X	CHIP TR.C.M				R 39	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
Q 12	2SD2144S/VW/-T	TRANSISTOR I/M	MW SWITCH			R 42	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q 13	2SC266B/0/-T	TRANSISTOR TAPE	MW SWITCH			R 43	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q 14	2SA1037AK/R/-X	CHIP TR.C.M	MW SWITCH			R 44	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q 15	2SA1037AK/R/-X	CHIP TR.C.M	MW SWITCH			R 45	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q 21	DTA114TKA-X	DIGITAL-TR	SW2 SWITCH			R 46	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
Q 22	2SC266B/0/-T	TRANSISTOR TAPE	SW2 SWITCH			R 48	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q 24	2SD2144S/VW/-T	TRANSISTOR I/M	SW1 SWITCH			R 52	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W	
Q 25	2SA1037AK/R/-X	CHIP TR.C.M	SW1 SWITCH			R 54	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W	
Q 26	DTA114TKA-X	DIGITAL-TR	SW1 SWITCH			R 55	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
Q 29	2SC266B/0/-T	TRANSISTOR TAPE	SW1 SWITCH			R 56	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
Q 28	2SA1037AK/R/-X	CHIP TR.C.M	SW2 SWITCH			R 57	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q5101	2SD2114K/VW/-X	CHIP TR.C.M				R 62	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q5102	2SD2114K/VW/-X	CHIP TR.C.M				R 63	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
Q5103	2SC2412K/R/-X	TRANSISTOR				R 65	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5104	2SD2114K/VW/-X	CHIP TR.C.M	CT			R 66	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5106	2SC2412K/R/-X	TRANSISTOR	W/O ASMD			R 68	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
Q5201	2SD2114K/VW/-X	CHIP TR.C.M				R 69	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5202	2SD2114K/VW/-X	CHIP TR.C.M				R 81	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
Q5203	2SC2412K/R/-X	TRANSISTOR				R 82	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
Q5204	2SD2114K/VW/-X	CHIP TR.C.M	CT			R 83	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q5206	2SC2412K/R/-X	TRANSISTOR	W/O ASMD			R 84	NRSA02J-223X	MG RESISTOR	22K 5X 1/10W	
Q5301	DTA143EKA-X	TRANSISTOR				R 85	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
Q5302	DTA143EKA-X	TRANSISTOR				R 86	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q5303	DTA114EKA-X	DIGITAL-TR	CT			R 90	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
Q5308	DTA114EKA-X	DIGITAL-TR	W/O ASMD			R 91	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
Q5901	2SA1037AK/R/-X	CHIP TR.C.M				R 92	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q5902	2SC2412K/R/-X	TRANSISTOR				R 96	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q5903	2SD468/BC/-T	TRANSISTOR	CT			R 97	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
Q8001	DTA114TKA-X	TRANSISTOR				R 98	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R 1	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			R3106	NRSA02J-151X	MG RESISTOR	150 5X 1/10W	
R 2	NRSA02J-821X	MG RESISTOR	820 5X 1/10W			R3107	NRSA02J-471X	MG RESISTOR	470 5X 1/10W	
R 11	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W			R3206	NRSA02J-151X	MG RESISTOR	150 5X 1/10W	
R 12	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			R3207	NRSA02J-471X	MG RESISTOR	470 5X 1/10W	
R 13	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W			R5101	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W	
R 14	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W			R5102	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R 15	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W			R5103	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 18	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			R5104	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 20	NRSA02J-331X	MG RESISTOR	330 5X 1/10W			R5105	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 21	NRSA02J-224X	RES. C.M	220K 5X 1/10W			R5106	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R 22	NRSA02J-331X	MG RESISTOR	330 5X 1/10W			R5107	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R 23	NRSA02J-270X	MG RESISTOR	27 5X 1/10W			R5108	NRSA02J-682X	MG RESISTOR	6.8K 5X 1/10W	
R 24	NRSA02J-271X	MG RESISTOR	270 5X 1/10W			R5109	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 25	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W			R5110	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 27	NRSA02J-223X	MG RESISTOR	22K 5X 1/10W			R5111	NRSA02J-123X	RES. C.M	12K 5X 1/10W	



BLOCK NO. 02						BLOCK NO. 02					
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R5112	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W			R5906	NRSA02J-471X	MG RESISTOR	470 5X 1/10W	
	R5113	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W			R5907	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
	R5114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			R5908	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
	R5115	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W			R8001	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
	R5116	NRSA02J-753X	MG RESISTOR	75K 5X 1/10W			R8002	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
	R5121	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W			R8003	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
	R5122	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			R8004	NRSA02J-152X	MG RESISTOR	1.5K 5X 1/10W	
	R5123	NRSA02J-154X	RES. C.M	150K 5X 1/10W			R8005	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
	R5124	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W			R8006	NRSA02J-372X	MG RESISTOR	2.7K 5X 1/10W	
	R5125	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W			R8007	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
	R5126	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			R8010	NRSA02J-681X	MG RESISTOR	680 5X 1/10W	
	R5127	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			R8011	GRE141J-152Y	C RESISTOR	1.5K 5X 1/4W	
	R5128	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			R8201	NRSA02J-432X	RES. C.M	4.3K 5X 1/10W	
	R5129	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W			R8301	NRSA02J-471X	MG RESISTOR	V3	
	R5201	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W			R8301	NRSA02J-471X	MG RESISTOR	V5	
	R5202	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W			R8302	NRSA02J-821X	MG RESISTOR	V5	
	R5203	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W			R8302	NRSA02J-821X	MG RESISTOR	V3	
	R5204	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W			R8303	NRSA02J-471X	MG RESISTOR	V3	
	R5205	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W			R8303	NRSA02J-821X	MG RESISTOR	V5	
	R5206	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W			R8304	NRSA02J-821X	MG RESISTOR	V5	
	R5207	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W			R8304	NRSA02J-471X	MG RESISTOR	V3	
	R5208	NRSA02J-682X	MG RESISTOR	6.8K 5X 1/10W			R8305	NRSA02J-471X	MG RESISTOR	V3	
	R5209	NRSA02J-232X	MG RESISTOR	2.2K 5X 1/10W			R8305	NRSA02J-821X	MG RESISTOR	V5	
	R5210	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W			R8306	NRSA02J-821X	MG RESISTOR	V5	
	R5211	NRSA02J-123X	RES. C.M	12K 5X 1/10W			R8306	NRSA02J-471X	MG RESISTOR	V3	
	R5212	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W			R8307	NRSA02J-102X	MG RESISTOR	V5	
	R5213	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W			R8308	NRSA02J-102X	MG RESISTOR	V5	
	R5214	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			R8309	NRSA02J-102X	MG RESISTOR	V5	
	R5215	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W			S8001	QSM0698-001Z	TACT SWITCH	DOOR OP/CL	
	R5216	NRSA02J-753X	MG RESISTOR	75K 5X 1/10W			S8001	QSM0698-001Z	TACT SWITCH	CD	
	R5221	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W			S8002	QSM0698-001Z	TACT SWITCH	TUNER	
	R5222	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			S8003	QSM0698-001Z	TACT SWITCH	TAPE	
	R5223	NRSA02J-154X	RES. C.M	150K 5X 1/10W			S8004	QSM0698-001Z	TACT SWITCH	MD/AUX	
	R5224	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W			S8005	QSM0698-001Z	TACT SWITCH	B-SEARCH	
	R5225	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W			S8006	QSM0698-001Z	TACT SWITCH	STOP/CLR	
	R5226	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			S8007	QSM0698-001Z	TACT SWITCH	F-SEARCH	
	R5227	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			S8008	QSM0698-001Z	TACT SWITCH	POWER	
	R5228	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W			S8010	QSM0698-001Z	TACT SWITCH		
	R5229	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W			S8101	QSM0620-001	SWITCH		
	R5301	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W			S8102	QSM0620-001	SWITCH		
	R5302	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W			T	QGR0793-001	IFT		
	R5303	NRSA02J-750X	RES. C.M	75 5X 1/10W			TU	1 QAU0037-001	FRONT END		
	R5304	NRSA02J-750X	RES. C.M	75 5X 1/10W			X	1 QAX0402-001	CRYSTAL		
	R5305	NRSA02J-750X	RES. C.M	75 5X 1/10W							
	R5306	NRSA02J-223X	MG RESISTOR	22K 5X 1/10W							
	R5308	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W							
	R5311	NRSA02J-750X	RES. C.M	75 5X 1/10W							
	R5312	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W							
	R5313	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W							
	R5314	NRSA02J-223X	MG RESISTOR	22K 5X 1/10W							
	R5901	NRSA02J-390X	MG RESISTOR	39 5X 1/10W							
	R5902	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W							
	R5903	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W							
	R5904	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W							

■ Micon Board (UX-V5/UX-V3R)

BLOCK NO. 03				REMARKS		SUFFIX	
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX			
CN701	GGF1201F3-13	CONNECTOR	TO CD PWB				
CN706	GBB1214K1-12S	CONNECTOR	TO FUNCTION PWB				
CN707	GBB1214K1-12S	CONNECTOR	TO FUNCTION PWB				
CN711	GGF1016C1-07	CONNECTOR	TO FKEY PWB				
CN712	GGF1008F1-11	CONNECTOR	TO LCD PWB				
CN714	GA22001C1-03	3P PLUG ASSY	TO DOOR-SW PWB				
CN771	GBB1214J1-12S	CONNECTOR	TO MAIN PWB				
CN772	GBB1214J1-12S	CONNECTOR	TO MAIN PWB				
C7001	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V				
C7002	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V				
C7003	NCS21HJ-360X	C CAPACITOR	36PF 5X 50V				
C7004	NCS21HJ-360X	C CAPACITOR	36PF 5X 50V				
C7005	NCS21HJ-220X	C CAPACITOR	22PF 5X 50V				
C7006	NCS21HJ-200X	C CAPACITOR	20PF 5X 50V				
C7007	NCS21HK-102X	C CAPACITOR	100PF 10X 50V				
C7008	NCS21HK-102X	C CAPACITOR	100PF 10X 50V				
C7011	QER41AM-107	E CAPACITOR	100MF 20X 10V				
C7012	NCS21HJ-103X	C CAPACITOR	100MF 10X 50V				
C7013	NCS21HJ-104X	C CAPACITOR	100MF 10X 50V				
C7108	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V				
C7109	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V				
C7122	NCS21HK-103X	C CAPACITOR	100MF 10X 50V				
C7123	NCS21HK-103X	C CAPACITOR	100MF 10X 50V				
C7125	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V				
C7126	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V				
C7201	QER61CM-107Z	E-CAPA. I-M	100MF 20X 16V				
C7202	QFN41HJ-104	M CAPACITOR	10MF 5X 50V				
C7311	QER41HM-475	E CAPACITOR	4.7MF 20X 50V				
C7312	QER41HM-225	E CAPACITOR	2.2MF 20X 50V				
C7321	QER20229-479Z	EPL CAPACITOR	47000MF				
C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20X 50V				
C7802	QER41HM-225	E CAPACITOR	2.2MF 20X 50V				
C7803	QER41HM-105	E CAPACITOR	1.0MF 20X 50V				
C7804	QER41HM-225	E CAPACITOR	2.2MF 20X 50V				
C7805	QER41HM-105	E CAPACITOR	1.0MF 20X 50V				
C7811	NCS21HK-103X	C CAPACITOR	100MF 10X 50V				
D7001	1SS133-T2	DIODE	CLOCK				
D7201	1SS133-T2	DIODE	US6V2				
D7202	1SS133-T2	DIODE	USSV				
D7203	1SS133-T2	DIODE	LC05V				
D7204	1SS133-T2	DIODE	BU5V				
D7205	MTZJ8-28-T2	DIODE	US6V2				
D7301	MTZJ5-1C-T2	ZENER DIODE	BUCKUP				
D7311	1SS133-T2	DIODE	RESET				
D7321	1SS133-T2	DIODE	BU5V				
IC701	UPD780566C-A29	IC	SYSTEM MICRON				
IC702	KIA7806P-T	IC	US6V REG				
K7201	QGR0601-001Z	F-BEADS I-M	ICVSS				
K7202	QGR0601-001Z	F-BEADS I-M	AVSS				
K7203	QGR0601-001Z	F-BEADS I-M	FKEY				
L7201	QGL01BK-100Z	INDUCTOR	VDD				
L7202	QGL01BK-100Z	INDUCTOR	AVDD				
P701	QZM0007-001	POST PIN					
P702	QZM0007-001	POST PIN					
Q7001	2SC2668/D/-T	TRANSISTOR TAPE	CLOCK SHIFT				

BLOCK NO. 03				REMARKS		SUFFIX	
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX			
Q7002	2SC2668/D/-T	TRANSISTOR TAPE	CLOCK SHIFT				
Q7301	2SC2412K/R/-X	TRANSISTOR	BACKUP CONT				
Q7311	2SC2412K/R/-X	TRANSISTOR	RESET				
Q7321	2SA1037AK/R/-X	CHIP TR.C-M	SM5V				
Q7811	2SC2412K/R/-X	TRANSISTOR	PHOTO BUFFER				
Q7821	DTG114EKA-X	TR	BL DIMMER				
Q7822	2SA933S/RS/-T	TRANSISTOR	BL DIMMER				
R7001	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W				
R7002	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W				
R7003	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W				
R7004	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W				
R7005	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7101	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7102	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7103	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7104	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7105	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7106	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7107	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7108	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7109	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7110	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7111	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7112	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7113	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7115	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7116	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7117	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7118	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7119	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7120	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7121	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7122	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7123	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7124	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7125	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W				
R7126	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W				
R7127	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W				
R7128	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7129	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7130	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7131	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7132	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7133	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7134	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7135	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W				
R7136	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7137	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W				
R7138	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7139	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				
R7140	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W				
R7141	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W				
R7142	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W				
R7143	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W				
R7144	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W				

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R7145	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7146	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7147	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7148	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7150	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
R7151	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7152	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7153	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7154	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7155	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7156	NRSA02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R7301	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
R7302	NRSA02J-333X	MG RESISTOR	33K 5% 1/10W	
R7303	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
R7304	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
R7311	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7312	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7313	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7314	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	
R7315	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7321	NRSA02J-331X	MG RESISTOR	330 5% 1/10W	
R7322	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7401	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7402	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7403	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7404	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7405	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7406	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7407	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7408	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
R7409	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
R7409	NRSA02J-562X	MG RESISTOR	56K 5% 1/10W	
R7409	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W	
R7410	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7411	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
R7801	NRSA02J-114X	RES - C.M	110K 5% 1/10W	
R7802	NRSA02J-114X	RES - C.M	110K 5% 1/10W	
R7803	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
R7804	NRSA02J-105X	MG RESISTOR	1.0M 5% 1/10W	
R7805	NRSA02J-683X	MG RESISTOR	68K 5% 1/10W	
R7811	NRSA02J-823X	MG RESISTOR	82K 5% 1/10W	
R7812	NRSA02J-394X	RES - C.M	390K 5% 1/10W	
R7813	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W	
R7821	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W	
R7822	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	
R7823	NRSA02J-122X	MG RESISTOR	V5	
R7823	NRSA02J-102X	MG RESISTOR	V3	
R7824	NRSA02J-122X	MG RESISTOR	V5	
X7001	GAX0401-001	CRYSTAL	CLOCK C36-678KHZ	
X7002	GAX0410-001	CERA LOCK	MAIN CK(4.19MHZ)	

BLOCK NO. 04

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN601	GGF1201F3-13	CONNECTOR	V3/V5/V9/A1/A5	
CN602	GGF1201F3-10	CONNECTOR	V3/V5/V9/A1/A5	
CN603	GGF1004F4-18	FFC CONNECTOR		
CN604	QGA2501C1-03	3P CONNECTOR		
CN605	QGA1501C3-02	W TO B CONNE	RED	
CN606	QGA1501C4-02	W TO B CONNE	BLUE	
CN607	VMC0199-902V	CONNECTOR	WHITE	
CN601	GER40JM-107	E CAPACITOR	100MF 20X 6.3V	
CN602	GER41CM-104	E CAPACITOR	10MF 20X 16V	
CN603	NDC31HJ-385X	C CAPACITOR		
CN6005	NCS31HK-331X	C CAPACITOR	330PF 5X 50V	
CN6006	NCB31HK-102X	C CAPACITOR	1000PF 10X 50V	
CN6007	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
CN6008	GER41HM-105	E CAPACITOR	1.0MF 20X 50V	
CN6009	NCS21HJ-101X	C CAPACITOR	1.00PF 5X 50V	
CN6010	NCB31HK-273X	C CAPACITOR	-027MF 10X 50V	
CN6011	NCB21HK-222X	C CAPACITOR	-2200PF 10X 50V	
CN6012	NCB31HK-103X	C CAPACITOR	-0.10MF 10X 50V	
CN6014	NCB31EK-104X	C CAPACITOR	-1.0MF 10X 25V	
CN6015	NCB31HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6016	NCB31HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6017	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6018	NCB21HK-222X	C CAPACITOR	-2200PF 10X 50V	
CN6019	NCS21HJ-271X	C CAPACITOR	2700PF 5X 50V	
CN6020	NCS21HJ-181X	C CAPACITOR	180PF 5X 50V	
CN6021	NCS31HJ-821X	C CAPACITOR	820PF 5X 50V	
CN6022	GER60JM-476Z	E.CAPA. I.M	47MF 20X 6.3V	
CN6023	NCB21EK-104X	C CAPACITOR	-1.0MF 10X 25V	
CN6028	NCB21EK-473X	C CAPACITOR	-0.47MF 10X 25V	
CN6029	GER40JM-107	E CAPACITOR	100MF 20X 6.3V	
CN6031	GER41AM-227	E.CAPA. I.M	220MF 20X 10V	
CN6032	GER40JM-107	E CAPACITOR	100MF 20X 6.3V	
CN6051	NDC21HJ-120X	C CAPACITOR		
CN6052	NDC21HJ-150X	C CAPACITOR		
CN6053	NCB21HK-223X	C CAPACITOR		
CN6055	NCB21EK-473X	C CAPACITOR	-0.22MF 10X 50V	
CN6058	NCB21HJ-6R0X	C.CAPA. C.M	-0.47MF 10X 25V	
CN6061	NCB21HJ-471X	C CAPACITOR	6.0PF 5X 50V	
CN6062	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6063	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6064	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6065	NCB21CK-334X	C.CAPA. C.M	-33MF 10X 16V	
CN6071	NCB21HK-222X	C CAPACITOR	2200PF 10X 50V	
CN6072	NCB21HK-222X	C CAPACITOR	2200PF 10X 50V	
CN6073	GER41AM-227	E.CAPA. I.M	220MF 20X 10V	
CN6075	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
CN6076	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
CN6077	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6080	GER41AM-227	E.CAPA. I.M	220MF 20X 10V	
CN6081	GER41AM-227	E.CAPA. I.M	220MF 20X 10V	
CN6083	NCB21HK-223X	C CAPACITOR	-0.22MF 10X 50V	
CN6095	NCB21EK-104X	C CAPACITOR	-1.0MF 10X 25V	
CN6096	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
CN6097	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
CN6098	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	

BLOCK NO. 04				BLOCK NO. 04			
REF.	PARTS NO.	PARTS NAME	REMARKS	REF.	PARTS NO.	PARTS NAME	REMARKS
R6099	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	R6060	NRSA02J-471X	MG RESISTOR	470 5% 1/10W
C6101	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	R6061	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W
C6154	NCB21HJ-151X	C CAPACITOR	150PF 5% 50V	R6063	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W
C6156	NCB21HJ-151X	C CAPACITOR	150PF 5% 50V	R6064	NRSA02J-681X	MG RESISTOR	680 5% 1/10W
C6157	NCB21HJ-151X	C CAPACITOR	150PF 5% 50V	R6066	NRSA02J-250X	MG RESISTOR	22 5% 1/10W
C6158	NCB21HJ-151X	C CAPACITOR	150PF 5% 50V	R6067	NRSA02J-250X	MG RESISTOR	22 5% 1/10W
D6061	1S3355-X	DIODE C.M		R6068	NRSA02J-250X	MG RESISTOR	22 5% 1/10W
D6062	1S3355-X	DIODE C.M		R6069	NRSA02J-155X	MG RESISTOR	1.5M 5% 1/10W
D6063	1S3355-X	DIODE C.M		R6071	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W
IC601	AN8806SB-W	IC C.M		R6072	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W
IC602	BA6897FP-W	IC		R6076	NRSA02J-OROX	MG RESISTOR	5% 1/10W
IC603	MM35510	IC		R6080	NRSA02J-OROX	MG RESISTOR	5% 1/10W
Q6001	Q9R0779-0012	INDUCTOR		R6081	NRSA02J-OROX	MG RESISTOR	5% 1/10W
Q6001	25A1037AK/R/-X	CHIP TR-C.M		R6121	NRSA02J-101X	MG RESISTOR	100 5% 1/10W
Q6031	25A952/LK/-T	TRANSISTOR		W 805	QJL0045-021302	SIN CR B-B WIRE	-WB15 LED-LCD
R6001	NRSA02J-123X	MG RESISTOR	12K 5% 1/10W	W 812	QJK018-031203	SIN CR C-B WIRE	DOOR SW WIRE
R6002	NRSA02J-223X	MG RESISTOR	2.2M 5% 1/10W	W3004	QJK017-052400	SIN CR C-B WIRE	H-P WIRE
R6003	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W	W3551	QJP003-042401	SHI CR C-B WIRE	MAIN-FUNC SHIEL
R6005	NRSA02J-124X	MG RESISTOR	120K 5% 1/10W	W5501	QJK018-020802	SIN CR C-B WIRE	TOP KEY WIRE
R6006	NRSA02J-473X	MG RESISTOR	47K 5% 1/10W	X6051	GAX0413-0012	CRYSTAL	
R6007	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W				
R6009	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W				
R6010	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W				
R6012	NRSA02J-103X	MG RESISTOR	10K 5% 1/10W				
R6013	NRSA02J-121X	MG RESISTOR	120 5% 1/10W				
R6014	NRSA02J-100X	MG RESISTOR	10 5% 1/10W				
R6015	NRSA02J-120X	MG RESISTOR	12 5% 1/10W				
R6016	NRSA02J-910X	RES C.M	91 5% 1/10W				
R6021	NRSA02J-101X	MG RESISTOR	100 5% 1/10W				
R6022	NRSA02J-101X	MG RESISTOR	100 5% 1/10W				
R6023	NRSA02J-101X	MG RESISTOR	100 5% 1/10W				
R6024	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W				
R6025	NRSA02J-104X	MG RESISTOR	100K 5% 1/10W				
R6026	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W				
R6027	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W				
R6028	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W				
R6029	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W				
R6031	NRSA02J-331X	MG RESISTOR	330 5% 1/10W				
R6032	NRSA02J-101X	MG RESISTOR	100 5% 1/10W				
R6041	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W				
R6042	NRSA02J-183X	MG RESISTOR	18K 5% 1/10W				
R6043	NRSA02J-272X	MG RESISTOR	2.7K 5% 1/10W				
R6044	NRSA02J-273X	MG RESISTOR	27K 5% 1/10W				
R6045	NRSA02J-393X	MG RESISTOR	39K 5% 1/10W				
R6046	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W				
R6047	NRSA02J-332X	MG RESISTOR	3.3K 5% 1/10W				
R6051	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W				
R6052	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W				
R6053	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W				
R6054	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W				
R6055	NRSA02J-102X	MG RESISTOR	1.0K 5% 1/10W				
R6056	NRSA02J-OROX	MG RESISTOR	5% 1/10W				
R6057	NRSA02J-OROX	MG RESISTOR	5% 1/10W				
R6058	NRSA02J-OROX	MG RESISTOR	5% 1/10W				
R6059	NRSA02J-471X	MG RESISTOR	470 5% 1/10W				

■ Main Board (FS-V5)

BLOCK NO. 05					BLOCK NO. 05						
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	B2053	NRS181J-OR0X	MG RESISTOR	MIC			C3322	QTE1E03-2262	E CAPACITOR		
	CN195	QGB2016J1-15	CONNECTOR				C3331	QETC1HM-1052-JB	E CAPACITOR	1.0MF 20X 50V	
	CN196	VMCO289-512	CONNECTOR				C3332	QETC1HM-1052-JB	E CAPACITOR	1.0MF 20X 50V	
	CN197	VMCO274-002	W TO B CONNE				C3333	QFVF1HJ-5632	E CAPACITOR	0.56MF 5X 50V	
	CN199	QGA7201C1-02	W TO B CONNE				C3334	QFVF1HJ-5632	E CAPACITOR	0.56MF 5X 50V	
	CN301	QGB2016K1-15	B TO B CONNE	POWER PWB			C3335	QETC1HM-1052-JB	E CAPACITOR	1.0MF 20X 50V	
	CN304	QGA2501C3-052	CONNECTOR	HEADPHONE			C3336	QETC1EM-1062-JB	E CAPACITOR	10MF 20X 25V	
	CN308	EMV5111-002	2P CONNECTOR	CD DOOR			C3351	QETC1EM-1072-JB	E CAPACITOR	100MF 20X 25V	
	CN311	GNB0092-001	SPK TERMINAL	SPEAKER			C3353	QETC1HM-4742-JB	E CAPACITOR	0.47MF 20X 50V	
	CN371	QGB1214K1-12S	CONNECTOR	MICOM TOP			C3354	QETC1HM-4742-JB	E CAPACITOR	0.47MF 20X 50V	
	CN372	QGB1214K1-12S	CONNECTOR	MICOM BOT			C3355	QETC1HM-4742-JB	E CAPACITOR	0.47MF 20X 50V	
	C1901	QFV41HJ-104	TF CAPACITOR	0.10MF 5X 50V			C3356	QETC1C28-1062	E CAPA. I.M		
	C1902	QFV41HJ-104	TF CAPACITOR	0.10MF 5X 50V			C3357	QETC1EM-1062-JB	E CAPACITOR	10MF 20X 25V	
	C1903	QFV41HJ-104	TF CAPACITOR	0.10MF 5X 50V			C3801	QER61EM-1062	E CAPA. I.M	10MF 20X 25V	
	C1904	QFV41HJ-104	TF CAPACITOR	0.10MF 5X 50V			C3802	QER41CM-476	E CAPACITOR	0.47MF 20X 16V	
	C1910	QDYB1CM-103Y	ABCAPACITOR				C3803	QFV41HJ-103	TF CAPACITOR	0.010MF 5X 50V	
	C1911	QTE1C03-1062	E CAPACITOR				C3804	QER41CM-476	E CAPACITOR	0.47MF 20X 16V	
	C1912	QTE1E06-4762	E CAPACITOR				C3805	QCX0203-1552	ML C CAP I/M	1.5MF	
	C1916	QFV41HJ-104	TF CAPACITOR				C3901	QETC1EM-4762-JB	E CAPACITOR	0.47MF 20X 25V	
	C1917	QETC1CM-1062-JB	E CAPACITOR				C3902	QDYB1CM-103Y	ABCAPACITOR		
	C3001	QETM1EM-828	E CAPACITOR	8200MF 20X 25V			C3903	QCB81HK-221Y	C CAPACITOR	220PF 10X 50V	
	C3002	QFV41HJ-104	TF CAPACITOR	0.10MF 5X 50V			C3904	QCB81HK-221Y	C CAPACITOR	220PF 10X 50V	
	C3003	QETC1EM-1072-JB	E CAPACITOR	100MF 20X 25V			C3931	QETC1EM-1072-JB	E CAPACITOR	100MF 20X 25V	
	C3004	QTE1A28-3372	E CAPACITOR				C3951	QER61EM-1062	E CAPA. I.M	10MF 20X 25V	
	C3005	QETC1EM-3562-JB	E CAPACITOR	33MF 20X 25V			C3952	QER61EM-2262	E CAPA. I.M	22MF 20X 25V	
	C3006	QETC1HM-2552-JB	E CAPACITOR	2.2MF 20X 30V			C3999	QCB81HK-151Y	C CAPACITOR	150PF 10X 50V	
	C3007	QETC1EM-1062-JB	E CAPACITOR	10MF 20X 25V			D1901	D5SBA20-S1	SI DIODE	ANALOG	
	C3101	QTE1C03-1062	E CAPACITOR	330PF 10X 50V			D1908	MT2J4-38-T2	ZENER DIODE	CD6V	
	C3103	QCB81HK-331Y	C CAPACITOR				D1913	MT2J6-8B-T2	DIODE	US5V	
	C3104	QDX31EM-1042	C CAPACITOR				D3321	MT2J5-1A-T2	ZENER DIODE		
	C3105	QDX31EM-1042	C CAPACITOR				D3331	ISS133-T2	DIODE		
	C3121	QFN41HJ-823	M CAPACITOR	0.82MF 5X 50V			D3332	ISS133-T2	DIODE		
	C3122	QFN41HJ-823	M CAPACITOR	0.82MF 5X 50V			D3333	ISS133-T2	DIODE		
	C3125	QTE1A03-2262	E CAPACITOR				D3334	ISS133-T2	DIODE		
	C3126	QFVF1HJ-2742	TF CAPACITOR	0.27MF 5X 50V			D3801	DSK10C-T1	DIODE		
	C3132	QFN31HJ-5632	M CAPA. I.M	0.56MF 5X 50V			D3901	ISS133-T2	DIODE		
	C3133	QFN31HJ-5632	M CAPA. I.M	0.56MF 5X 50V			D3902	MT2J10A-T2	ZENER DIODE		
	C3134	QFN41HJ-472	M CAPACITOR	0.4700MF 5X 50V			D3903	MT2J5-6C-T2	ZENER DIODE		
	C3137	QFN41HJ-183	M CAPACITOR	0.012MF 5X 50V			D3931	MT2J11A-T2	Z. DIODE I.M		
	C3158	QTE1C03-1062	E CAPACITOR				D3932	ISS133-T2	DIODE		
	C3201	QTE1C03-1062	E CAPACITOR				D3951	MT2J6-8A-T2	ZENER DIODE		
	C3203	QCB81HK-331Y	C CAPACITOR	330PF 10X 50V			D3952	MT2J10A-T2	ZENER DIODE		
	C3204	QDX31EM-1042	C CAPACITOR				EP191	QNZ0136-001Z	EARTH PLATE		
	C3205	QDX31EM-1042	C CAPACITOR				EP301	QNZ0136-001Z	EARTH PLATE		
	C3221	QFN41HJ-823	M CAPACITOR	0.82MF 5X 50V			IC191	UPC78L05J-T	I.C	US5V	
	C3222	QFN41HJ-823	M CAPACITOR	0.82MF 5X 50V			IC301	LA2705NA	IC	POWER AMP	
	C3225	QTE1A03-2262	E CAPACITOR				IC302	NJM4580L-D	IC	AMB AMP	
	C3226	QFVF1HJ-2742	TF CAPACITOR	0.27MF 5X 50V			IC305	BH3852S	IC	E VOL	
	C3252	QFN31HJ-5632	M CAPA. I.M	0.56MF 5X 50V			IC308	TAB409S	IC		
	C3253	QFN31HJ-5632	M CAPA. I.M	0.56MF 5X 50V			J1901	QMC8250-V02	AC SOCKET		
	C3254	QFN41HJ-472	M CAPACITOR	0.4700PF 5X 50V			K3801	QGR0779-001Z	INDUCTOR		
	C3257	QFN41HJ-123	M CAPACITOR	0.012MF 5X 50V			L3801	QQL25CK-221Z	INDUCTOR		
	C3258	QTE1C03-1062	E CAPACITOR	10MF 20X 25V			G1901	2SA1359/DV/	TRANSISTOR	CD6V	
	C3301	QETC1EM-1062-JB	E CAPACITOR	0.47MF 20X 25V			G1902	2SC2785/FE/-T	TRANSISTOR	CD6V	
	C3321	QETC1EM-4762-JB	E CAPACITOR				Q3101	2SD2144S/VW/-T	TRANSISTOR I/M		

BLOCK NO. 051111



■ Function/Tuner Board (FS-V5)

BLOCK NO. 05					BLOCK NO. 06				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
S5504	QSW0698-001Z	TACT SWITCH	SLEEP		C 1	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
S5505	QSW0698-001Z	TACT SWITCH	CLOCK		C 2	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
S5506	QSW0698-001Z	TACT SWITCH	TIMER		C 3	NCB21EK-473X	C CAPACITOR	.047MF 10X 25V	
S5507	QSW0698-001Z	TACT SWITCH	VOL. UP		C 4	NCB21HK-103X	C CAPACITOR	.010MF 10X 50V	
S5508	QSW0698-001Z	TACT SWITCH	VOL. DOWN		C 5	QEK41CM-106	E CAPACITOR	10MF 20X 16V	
S5509	QSW0698-001Z	TACT SWITCH	AHB		C 6	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
Z1901	NG0020-001Z	FUSE CLIP	FOR F1901		C 9	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
Z1902	NG0020-001Z	FUSE CLIP	FOR F1902		C 12	NDU21HJ-100X	C CAPACITOR	.047MF 10X 25V	
Z1903	NG0020-001Z	FUSE CLIP	FOR F1902		C 13	NCB21EK-473X	C CAPACITOR	.017MF 10X 25V	
Z1904	NG0020-001Z	FUSE CLIP	FOR F1902		C 14	NCB21HK-103X	C CAPACITOR	.047MF 10X 25V	
					C 21	NCB21EK-473X	C CAPACITOR	47MF 20X 16V	
					C 30	QEK61CM-4762-JB	E CAPACITOR	1000PF 10X 50V	
					C 32	NCB21HK-102X	C CAPACITOR	100MF 20X 10V	
					C 33	QEK61AM-1072-JB	E CAPACITOR	15PF 5X 50V	
					C 34	NCS21HJ-150X	C CAPACITOR	1000PF 10X 50V	
					C 35	NCB21HK-102X	C CAPACITOR	10MF 20X 16V	
					C 36	QEK61CM-1062-JB	E CAPACITOR	.047MF 10X 25V	
					C 37	NCB21EK-473X	C CAPACITOR	.047MF 10X 25V	
					C 39	NCB21EK-473X	C CAPACITOR	.010MF 10X 50V	
					C 40	NCB21HK-103X	C CAPACITOR	.10MF 20X 50V	
					C 41	QEK61HM-1042-JB	E CAPACITOR	.47MF 20X 50V	
					C 42	QEK61HM-4742-JB	E CAPACITOR	220PF 5X 50V	
					C 44	NCS21HJ-221X	C CAPACITOR	3.3MF 20X 50V	
					C 45	QEK61HM-3352-JB	E CAPACITOR	.022MF 10X 50V	
					C 46	NCB21HK-223X	C CAPACITOR	.010MF 10X 50V	
					C 47	NCB21HK-103X	C CAPACITOR	.022MF 10X 50V	
					C 49	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
					C 50	NCB21HK-223X	C CAPACITOR	1.0MF 20X 50V	
					C 51	QEK61HM-1052-JB	E CAPACITOR	100MF 20X 10V	
					C 52	QEK61HM-1052-JB	E CAPACITOR	12PF 5X 50V	
					C 61	NCS21HJ-120X	C CAPACITOR	12PF 5X 50V	
					C 62	NCS21HJ-120X	C CAPACITOR	.047MF 10X 25V	
					C 63	NCB21EK-473X	C CAPACITOR	1000PF 10X 50V	
					C 65	NCB21HK-102X	C CAPACITOR	150PF 5X 50V	
					C 66	NCS21HJ-151X	C CAPACITOR	100PF 5X 50V	
					C 67	NCS21HJ-101X	C CAPACITOR	150PF 5X 50V	
					C 68	NCS21HJ-151X	C CAPACITOR	2.2MF 20X 50V	
					C 69	QEK61HM-2252-JB	E CAPACITOR	3900PF 10X 50V	
					C 70	NCB21HK-392X	C CAPACITOR	3.3MF 20X 50V	
					C 71	QEK61HM-3352-JB	E CAPACITOR	1000PF 10X 50V	
					C 72	NCB21HK-102X	C CAPACITOR	.010MF 10X 50V	
					C 91	NCB21HK-103X	C CAPACITOR	FM IF	
					CF 1	QAX0419-001Z	C FILTER	FM IF	
					CF 2	QAX0419-001Z	C FILTER	FM IF	
					CF 3	QAX0418-001Z	C FILTER	CT	
					CF 4	QAX0409-001	CERA LOCK	CT	
					CN 43	GGF1201F3-09	CONNECTOR	MD6P	
					CN 44	GGF1201F3-10	CONNECTOR	VCD12P	
					CN 501	QGA2001F1-04	4P PLUG ASSY		
					CN502	GGF1201C3-10	CONNECTOR		
					CN503	VMC0289-F12	CONNECTOR		
					CN504	QGA2501F1-03	CONNECTOR		
					CN506	QGB1214J1-12S	CONNECTOR		
					CN507	QGB1214J1-12S	CONNECTOR		

BLOCK NO. 08					BLOCK NO. 08					
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN508	GG2001F1-02	2P CONNECTOR			D8003	1SS133-T2	DIODE			
CN811	GG1016F1-07	CONNECTOR			D8501	TLYH156P	LED			
CN812	GG1008F1-11	CONNECTOR			D8302	TLYH156P	LED			
C3108	NC521HJ-331X	C CAPACITOR	330PF 5% 50V		D8303	TLYH156P	LED			
C3208	NC521HJ-331X	C CAPACITOR	330PF 5% 50V		EP501	GN20136-001Z	EARTH PLATE			
C5101	NC521HJ-351X	C CAPACITOR	350PF 5% 50V		IC 1	TA2057N	IC			
C5102	QF41HJ-562	M CAPACITOR	5600PF 5% 50V		IC 2	LC72136N	IC			
C5103	QF11H06-4752	C CAPACITOR	SILMIC		IC331	BA15218F-XE	IC			
C5105	NC521HJ-330X	C CAPACITOR	33PF 5% 50V		IC801	RPM4938-V4	RM RECEIVER			
C5106	NC521HJ-100X	C CAPACITOR	10PF 5% 50V		J 1	GNB0014-001	ANT TERMINAL	AM/FM ANT COAX		
C5107	QER41HM-475	E CAPACITOR	4.7MF 20% 50V		J3004	GN50032-001	JACK			
C5108	QER41HM-475	E CAPACITOR	4.7MF 20% 50V		J5301	GNNO306-001	4PIN JACK ASSY	ASMD 2P		
C5109	NC821HK-102X	C CAPACITOR	1000PF 10% 50V		J5701	GP1F321	OPTICAL JACK	MD 32R		
C5110	QER41HM-475	E CAPACITOR	4.7MF 20% 50V		K3106	QGR0779-001Z	INDUCTOR			
C5201	NC521HJ-151X	C CAPACITOR	150PF 5% 50V		K3206	QGR0779-001Z	INDUCTOR			
C5202	QF41HJ-562	M CAPACITOR	5600PF 5% 50V		K5301	QGR0779-001Z	INDUCTOR			
C5203	QF11H06-4752	C CAPACITOR	SILMIC		K5302	QGR0779-001Z	INDUCTOR			
C5205	NC521HJ-330X	C CAPACITOR	33PF 5% 50V		K5303	QGR0779-001Z	INDUCTOR			
C5206	NC521HJ-100X	C CAPACITOR	10PF 5% 50V		K5307	QGR0779-001Z	INDUCTOR			
C5207	QER41HM-475	E CAPACITOR	4.7MF 20% 50V		L 1	QGR0796-001	COIL BLOCK	CD AG		
C5208	QER41HM-475	E CAPACITOR	4.7MF 20% 50V		L 4	QGL231K-221Y	INDUCTOR	MW RF/OSC		
C5209	NC821HK-102X	C CAPACITOR	1000PF 10% 50V		LF511	QGR0590-001	FILTER			
C5210	QER41HM-475	E CAPACITOR	4.7MF 20% 50V		LF521	QGR0590-001	FILTER			
C5301	NC821HK-103X	C CAPACITOR	.010MF 10% 50V		L3106	QGL231K-470Y	INDUCTOR			
C5302	QER41HM-225	E CAPACITOR	2.2MF 20% 50V		L3206	QGL231K-470Y	INDUCTOR			
C5303	QER41HM-225	E CAPACITOR	2.2MF 20% 50V		L3301	QGL29BJ-470Z	INDUCTOR			
C5304	QER41HM-105	E CAPACITOR	1.0MF 20% 50V		PP331	QZM0007-001	POST PIN			
C5307	QER41CM-476	E CAPACITOR	47MF 20% 16V		PP332	QZM0007-001	POST PIN			
C5308	QER41CM-226	E CAPACITOR	22MF 20% 16V		PP333	QZM0007-001	POST PIN			
C5309	QER41HM-105	E CAPACITOR	1.0MF 20% 50V		Q 1	2SC2668/DJ-T	TRANSISTOR TAPE			
C5311	NC821HK-102X	C CAPACITOR	1000PF 10% 50V		Q 6	DTA114YKA-X	TRANSISTOR			
C5312	NC821HK-103X	C CAPACITOR	.010MF 10% 50V		Q 7	2SA1037AK/R/-X	CHIP TR-C.M			
C5313	NC621HJ-104X	C CAPACITOR	1.0MF +80% -20%		Q 8	2SA1037AK/R/-X	CHIP TR-C.M			
C5901	QER41EM-475	E CAPACITOR	4.7MF 20% 25V		Q5101	2SD2114K/VW/-X	CHIP TR-C.M			
C5902	QER41CM-1072	E CAPA. 1.M	100MF 20% 16V		Q5102	2SD2114K/VW/-X	CHIP TR-C.M			
C5903	QER41CM-476	E CAPACITOR	47MF 20% 16V		Q5103	2SC2412K/R/-X	TRANSISTOR			
C8001	QER41AM-107	E CAPACITOR	100MF 20% 10V		Q5104	2SC2412K/R/-X	TRANSISTOR			
C8002	NC821HK-103X	C CAPACITOR	.010MF 10% 50V		Q5106	2SC2412K/R/-X	TRANSISTOR			
C8201	NC821HK-223X	C CAPACITOR	.022MF 10% 50V		Q5201	2SD2114K/VW/-X	CHIP TR-C.M			
C8202	NC521HJ-101X	C CAPACITOR	100PF 5% 50V		Q5202	2SD2114K/VW/-X	CHIP TR-C.M			
D 1	1S5133-T2	DIODE			Q5203	2SC2412K/R/-X	TRANSISTOR			
D 2	1S5133-T2	DIODE			Q5204	2SC2412K/R/-X	TRANSISTOR			
D 3	1S5133-T2	DIODE			Q5206	2SC2412K/R/-X	TRANSISTOR	CT		
D 4	1S5133-T2	DIODE			Q5301	DTA143EKA-X	TRANSISTOR	W/O ASMD		
D1801	QUD0079-001	LCD MODULE			Q5302	DTA143EKA-X	TRANSISTOR			
D5301	WJ23-38-T2	ZENER DIODE 1/M			Q5303	DTA114EKA-X	TRANSISTOR			
D5302	1S5133-T2	DIODE	AUX MUTE		Q5308	DTA114EKA-X	DIGITAL-TR	CT		
D5303	1S5133-T2	DIODE	SEIDENKI		Q5901	2SA1037AK/R/-X	CHIP TR-C.M	W/O ASMD		
D5304	1S5133-T2	DIODE	SEIDENKI		Q5902	2SC2412K/R/-X	TRANSISTOR			
D5901	WJ23-98-T2	Z DIODE			Q5903	2SD468/BG/-T	TRANSISTOR	CT		
D5902	1S5133-T2	DIODE			Q8001	DTIC114TKA-X	TRANSISTOR			
D5903	1S5133-T2	DIODE			R 1	NRS402J-102X	MG RESISTOR	1.0K 5% 1/10W		
D5905	WJ23-9A-T2	ZENER DIODE	CT		R 2	NRS402J-820X	MG RESISTOR	82 5% 1/10W		
D5906	1S5133-T2	DIODE	CT		R 12	NRS402J-102X	MG RESISTOR	1.0K 5% 1/10W		
D8001	SPR-39MVF	LED	RED		R 13	NRS402J-104X	MG RESISTOR	100K 5% 1/10W		



BLOCK NO. 06						BLOCK NO. 06					
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
R	20	NRSA02J-331X	MG RESISTOR	330 5X 1/10W		R	5124	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R	21	NRSA02J-224X	RES. C.M	220K 5X 1/10W		R	5125	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R	22	NRSA02J-331X	MG RESISTOR	330 5X 1/10W		R	5126	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R	23	NRSA02J-270X	MG RESISTOR	27 5X 1/10W		R	5127	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	24	NRSA02J-271X	MG RESISTOR	270 5X 1/10W		R	5128	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	25	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W		R	5129	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R	27	NRSA02J-223X	MG RESISTOR	22K 5X 1/10W		R	5201	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W	
R	29	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R	5202	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R	30	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R	5203	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R	31	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R	5204	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R	32	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R	5205	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R	34	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W		R	5206	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R	35	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W		R	5207	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R	36	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R	5208	NRSA02J-682X	MG RESISTOR	6.8K 5X 1/10W	
R	37	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W		R	5209	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	38	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W		R	5210	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R	39	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W		R	5211	NRSA02J-123X	RES. C.M	12K 5X 1/10W	
R	42	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	5212	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W	
R	43	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	5213	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W	
R	44	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	5214	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	45	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	5215	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R	46	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R	5216	NRSA02J-753X	MG RESISTOR	75K 5X 1/10W	
R	48	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	5222	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R	52	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W		R	5223	NRSA02J-154X	RES. C.M	150K 5X 1/10W	
R	54	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W		R	5224	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R	55	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W		R	5225	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R	56	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W		R	5226	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R	57	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	5227	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	66	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R	5228	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	68	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W		R	5229	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R	69	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R	5301	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W	
R	98	QR79037-335	COMP RESISTOR	3.3M 1/0W		R	5302	NRSA02J-822X	MG RESISTOR	8.2K 5X 1/10W	
R	99	QR79037-335	COMP RESISTOR	3.3M 1/0W		R	5303	NRSA02J-750X	RES. C.M	75 5X 1/10W	
R	1306	NRSA02J-151X	MG RESISTOR	150 5X 1/10W		R	5304	NRSA02J-750X	RES. C.M	75 5X 1/10W	
R	1307	NRSA02J-471X	MG RESISTOR	470 5X 1/10W		R	5305	NRSA02J-750X	RES. C.M	75 5X 1/10W	
R	13206	NRSA02J-151X	MG RESISTOR	150 5X 1/10W		R	5306	NRSA02J-233X	MG RESISTOR	22K 5X 1/10W	
R	13207	NRSA02J-471X	MG RESISTOR	470 5X 1/10W		R	5311	NRSA02J-750X	RES. C.M	75 5X 1/10W	
R	15101	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W		R	5312	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R	15102	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W		R	5313	NRSA02J-513X	MG RESISTOR	51K 5X 1/10W	
R	15103	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W		R	5314	NRSA02J-223X	MG RESISTOR	W/O A5MD	
R	15104	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R	5501	NRSA02J-390X	MG RESISTOR	39 5X 1/10W	
R	15105	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R	5502	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R	15106	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W		R	5503	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R	15107	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W		R	5504	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R	15108	NRSA02J-682X	MG RESISTOR	6.8K 5X 1/10W		R	5506	NRSA02J-471X	MG RESISTOR	470 5X 1/10W	
R	15109	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R	5507	NRSA02J-471X	MG RESISTOR	470 5X 1/10W	
R	15110	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W		R	5508	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	
R	15111	NRSA02J-123X	RES. C.M	12K 5X 1/10W		R	5509	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R	15112	NRSA02J-472X	MG RESISTOR	4.7K 5X 1/10W		R	8001	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R	15113	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W		R	8002	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R	15114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R	8003	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R	15115	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R	8004	NRSA02J-152X	MG RESISTOR	1.5K 5X 1/10W	
R	15116	NRSA02J-753X	MG RESISTOR	75K 5X 1/10W		R	8005	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R	15122	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R	8006	NRSA02J-272X	MG RESISTOR	2.7K 5X 1/10W	
R	15123	NRSA02J-154X	RES. C.M	150K 5X 1/10W		R	8007	NRSA02J-392X	MG RESISTOR	3.9K 5X 1/10W	

Micon Board (FS-V5)

A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R8010	NRSA02J-681X	MG RESISTOR	680 5X 1/10W	
	R8011	QRE141J-152Y	C RESISTOR	1.5K 5X 1/4W	
	R8201	NRSA02J-432X	RES. C.M	4.3K 5X 1/10W	
	R8301	NRSA02J-821X	MG RESISTOR	820 5X 1/10W	
	R8302	NRSA02J-821X	MG RESISTOR	820 5X 1/10W	
	R8303	NRSA02J-821X	MG RESISTOR	820 5X 1/10W	
	R8304	NRSA02J-821X	MG RESISTOR	820 5X 1/10W	
	R8305	NRSA02J-821X	MG RESISTOR	820 5X 1/10W	
	R8306	NRSA02J-821X	MG RESISTOR	820 5X 1/10W	
	R8307	NRSA02J-103X	MG RESISTOR	1.0K 5X 1/10W	
	R8308	NRSA02J-103X	MG RESISTOR	1.0K 5X 1/10W	
	R8309	NRSA02J-103X	MG RESISTOR	1.0K 5X 1/10W	
	S8001	QSW0698-001Z	TACT SWITCH	DOOR OP/CL	
	S8002	QSW0698-001Z	TACT SWITCH	CD	
	S8003	QSW0698-001Z	TACT SWITCH	TUNER	
	S8004	QSW0698-001Z	TACT SWITCH	TAPE	
	S8005	QSW0698-001Z	TACT SWITCH	MD/AUX	
	S8006	QSW0698-001Z	TACT SWITCH	B-SEARCH	
	S8007	QSW0698-001Z	TACT SWITCH	STOP/CLR	
	S8008	QSW0698-001Z	TACT SWITCH	F-SEARCH	
	S8010	QSW0698-001Z	TACT SWITCH	POWER	
	S8101	QSW0620-001	SWITCH		
	S8102	QSW0620-001	SWITCH		
	T 1	QQR0793-001	IFT	FM TU	
	TU 1	QAU0097-001	FRONT END		
	X 1	QAX0402-001	CRYSTAL		

A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	CN701	GGF1201F3-13	CONNECTOR	TO CD PWB	
	CN706	QGB1214K1-12S	CONNECTOR	TO FUNCTION PWB	
	CN707	QGB1214K1-12S	CONNECTOR	TO FKEY PWB	
	CN711	GGF1016C1-07	CONNECTOR	TO LCD PWB	
	CN712	QGF1008F1-11	CONNECTOR	TO DOOR-SW PWB	
	CN714	QGA2001C1-03	3P PLUG ASSY	TO MAIN PWB	
	CN771	QGB1214J1-12S	CONNECTOR	TO MAIN PWB	
	CN772	QGB1214J1-12S	CONNECTOR	18PF 5X 50V	
	C7001	NCS21HJ-180X	C CAPACITOR	18PF 5X 50V	
	C7002	NCS21HJ-180X	C CAPACITOR	39PF 5X 50V	
	C7003	NCS21HJ-390X	C CAPACITOR	36PF 5X 50V	
	C7004	NCS21HJ-220X	C CAPACITOR	22PF 5X 50V	
	C7006	NCS21HJ-200X	C CAPACITOR	20PF 5X 50V	
	C7007	NCS21HJ-102X	C CAPACITOR	100PF 10X 50V	
	C7008	NCS21HJ-102X	C CAPACITOR	100PF 10X 50V	
	C7011	GER41AM-107	E CAPACITOR	100MF 20X 10V	
	C7012	NCS21HJ-103X	C CAPACITOR	-010MF 10X 50V	
	C7013	NCF21HJ-104X	C CAPACITOR	-10MF +80% -20%	
	C7108	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
	C7109	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
	C7114	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
	C7122	NCS21HJ-103X	C CAPACITOR	-010MF 10X 50V	
	C7123	NCS21HJ-103X	C CAPACITOR	-010MF 10X 50V	
	C7125	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
	C7126	NCS21HJ-101X	C CAPACITOR	100PF 5X 50V	
	C7201	GER61CM-107Z	E CAPA. I.M	100NF 20X 16V	
	C7202	QFN41HJ-104	M CAPACITOR	-010MF 5X 50V	
	C7311	GER41HM-475	E CAPACITOR	4.7MF 20X 50V	
	C7312	GER41HM-225	E CAPACITOR	2.2MF 20X 50V	
	C7321	QE0229-479Z	EDL-CAPACITOR	47000MF	
	C7801	QER61HM-335Z	E CAPACITOR	3.3MF 20X 50V	
	C7802	QER41HM-225	E CAPACITOR	2.2MF 20X 50V	
	C7803	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
	C7804	QER41HM-225	E CAPACITOR	2.2MF 20X 50V	
	C7805	QER41HM-105	E CAPACITOR	1.0MF 20X 50V	
	C7811	NCS21HJ-103X	C CAPACITOR	-010MF 10X 50V	
	D7001	1SS133-T2	DIODE	CLOCK	
	D7201	1SS133-T2	DIODE	USSV	
	D7202	1SS133-T2	DIODE	LCDSV	
	D7203	1SS133-T2	DIODE	BU5V	
	D7204	1SS133-T2	DIODE	US6V2	
	D7205	MTZJ8-2B-T2	DIODE	BUCKUP	
	D7301	MTZJ5-1C-T2	ZENER DIODE	RESET	
	D7311	1SS133-T2	DIODE	BU5V	
	D7321	1SS133-T2	DIODE	SYSTEM MICON	
	IC701	UPD78056GC-A29	IC	US6V REG	
	IC702	KIA78S06P-T	IC	US6V REG	
	K7201	QGR0601-001Z	F-BEADS I.M	ICVSS	
	K7202	QGR0601-001Z	F-BEADS I.M	AVSS	
	K7203	QGR0601-001Z	F-BEADS I.M	FKEY	
	L7201	QGL01BK-100Z	INDUCTOR	VDD	
	L7202	QGL01BK-100Z	INDUCTOR	AVDD	
	PP701	QZW0007-001	POST PIN		
	PP702	QZW0007-001	POST PIN		

BLOCK NO. 07111111					BLOCK NO. 07111111				
REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
Q7001	25C2668/07-T	TRANSISTOR TAPE	CLOCK SHIFT		R7144	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q7002	25C2668/07-T	TRANSISTOR TAPE	CLOCK SHIFT		R7145	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q7101	25C2612K/R/-X	TRANSISTOR	BACKUP CONT		R7146	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q7111	25C2612K/R/-X	TRANSISTOR	RESET		R7147	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q7211	25A1037AK/R/-X	CHIP TR.C.M	SWSV		R7148	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q7811	25C2612K/R/-X	TRANSISTOR	PHOTO BUFFER		R7150	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
Q7821	DTC114EKA-X	TR	BL DIMMER		R7151	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
Q7822	25A935S/RS/-T	TRANSISTOR	BL DIMMER		R7152	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R7001	NRSA02J-622X	MG RESISTOR	8.2K 5X 1/10W		R7153	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R7002	NRSA02J-622X	MG RESISTOR	8.2K 5X 1/10W		R7154	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R7003	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R7155	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R7004	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R7156	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R7005	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7301	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R7101	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7302	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
R7102	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7303	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R7103	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7304	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R7104	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7311	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7105	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7312	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7106	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7313	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7107	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7314	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R7108	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7315	NRSA02J-103X	MG RESISTOR	1.0K 5X 1/10W	
R7109	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7321	NRSA02J-331X	MG RESISTOR	330 5X 1/10W	
R7110	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7322	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7111	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7401	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7112	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7402	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7113	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W		R7403	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7404	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7115	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7405	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7116	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7406	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7117	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7407	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7118	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7408	NRSA02J-563X	RES. C.M	56K 5X 1/10W	
R7119	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7409	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R7120	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7410	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7121	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7411	NRSA02J-823X	MG RESISTOR	82K 5X 1/10W	
R7122	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7801	NRSA02J-114X	RES. C.M	110K 5X 1/10W	
R7123	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7802	NRSA02J-114X	RES. C.M	110K 5X 1/10W	
R7124	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7803	NRSA02J-683X	MG RESISTOR	68K 5X 1/10W	
R7125	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R7804	NRSA02J-103X	MG RESISTOR	1.0M 5X 1/10W	
R7126	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R7805	NRSA02J-683X	MG RESISTOR	68K 5X 1/10W	
R7128	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		R7811	NRSA02J-823X	MG RESISTOR	82K 5X 1/10W	
R7129	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7812	NRSA02J-394X	RES. C.M	390K 5X 1/10W	
R7130	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7813	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R7131	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7821	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R7132	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7822	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R7133	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7823	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R7134	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		R7824	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R7135	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W		X7001	GAX0401-001	CRYSTAL	CLOCK 36.678KHZ	
R7136	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W		X7002	GAX0410-001	CERA LOCK	MAIN CK 4.19MHZ	
R7137	NRSA02J-153X	MG RESISTOR	15K 5X 1/10W						
R7138	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W						
R7139	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W						
R7140	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W						
R7141	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W						
R7142	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W						
R7143	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W						

BLOCK NO. 09111111

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN601	GG1201F3-10	CONNECTOR	V3/V5/V9/A1/A5	
CN602	GG1201F3-10	CONNECTOR	V3/V5/V9/A1/A5	
CN603	GG1004F4-18	FPC CONNECTOR		
CN604	GA2501C1-03	3P CONNECTOR		
CN605	QGA1501C3-02	W TO B CONNE	RED	
CN606	GA1501C4-02	W TO B CONNE	BLUE	
CN607	VMC0199-902V	CONNECTOR	WHITE	
CN601	GER40JM-107	E CAPACITOR	100MF 20% 6.3V	
C6002	GER41CM-104	E CAPACITOR	10MF 20% 16V	
C6003	NDC21HJ-385X	C CAPACITOR		
C6005	NC521HJ-33X	C CAPACITOR	330PF 5% 50V	
C6006	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
C6007	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
C6008	QER41HK-105	E CAPACITOR	1.0MF 20% 50V	
C6009	NC521HJ-101X	C CAPACITOR	100PF 5% 50V	
C6010	NCB21HK-273X	C CAPACITOR	.027MF 10% 50V	
C6011	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C6012	NCB21HK-103X	C CAPACITOR	.010MF 10% 50V	
C6014	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
C6015	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6016	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6017	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6018	NCB21HK-222X	C CAPACITOR	.022MF 10% 50V	
C6019	NC521HJ-271X	C CAPACITOR	2700PF 5% 50V	
C6020	NC521HJ-181X	C CAPACITOR	180PF 5% 50V	
C6021	NC521HJ-821X	C CAPACITOR	820PF 5% 50V	
C6022	QER60JM-476Z	E.CAPA. I-M	47MF 20% 6.3V	
C6023	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
C6028	NCB21EK-473X	C CAPACITOR	.047MF 10% 25V	
C6029	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
C6031	QER41AM-227	E.CAPA. I-M	220MF 20% 10V	
C6032	QER40JM-107	E CAPACITOR	100MF 20% 6.3V	
C6051	NC021HJ-120X	C CAPACITOR		
C6052	NC021HJ-150X	C CAPACITOR		
C6053	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6058	NCB21EK-473X	C CAPA. C-M	.047MF 10% 25V	
C6059	NC521HJ-6R0X	C CAPA. C-M	6.0PF 5% 50V	
C6061	NC521HJ-471X	C CAPACITOR	470PF 5% 50V	
C6062	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6063	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6064	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6065	NCB21CK-353X	C.CAPA. C-M	.33MF 10% 16V	
C6071	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C6072	NCB21HK-222X	C CAPACITOR	2200PF 10% 50V	
C6073	QER41AM-227	E.CAPA. I-M	220MF 20% 10V	
C6075	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
C6076	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
C6077	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6080	QER41AM-227	E.CAPA. I-M	220MF 20% 10V	
C6081	QER41AM-227	E.CAPA. I-M	220MF 20% 10V	
C6083	NCB21HK-223X	C CAPACITOR	.022MF 10% 50V	
C6095	NCB21EK-104X	C CAPACITOR	.10MF 10% 25V	
C6096	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
C6097	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	
C6098	NCB21HK-102X	C CAPACITOR	1000PF 10% 50V	

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C6099	NCB21HK-102X	C CAPACITOR	1000PF 10X 50V	
C6101	NCB21HK-223X	C CAPACITOR	.022MF 10X 50V	
C6154	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
C6156	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
C6157	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
C6158	NCS21HJ-151X	C CAPACITOR	150PF 5X 50V	
D6041	1S5355-X	DIODE C-M		
D6042	1S5355-X	DIODE C-M		
D6043	1S5355-X	DIODE C-M		
IC601	AN8804SB-W	IC C-M		
IC602	BA68977FD-W	IC		
IC603	MN35510	IC		
K6051	QGR0779-0012	INDUCTOR		
Q6001	2SA1037AK/R/-X	CHIP TR.C-M		
Q6031	2SA952/LK/-T	TRANSISTOR		
R6001	NRSA02J-123X	RES. C-M	12K 5X 1/10W	
R6002	NRSA02J-225X	MG RESISTOR	2.2M 5X 1/10W	
R6003	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R6005	NRSA02J-124X	MG RESISTOR	120K 5X 1/10W	
R6006	NRSA02J-473X	MG RESISTOR	47K 5X 1/10W	
R6007	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R6009	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W	
R6010	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R6012	NRSA02J-103X	MG RESISTOR	10K 5X 1/10W	
R6013	NRSA02J-121X	MG RESISTOR	120 5X 1/10W	
R6014	NRSA02J-100X	MG RESISTOR	10 5X 1/10W	
R6015	NRSA02J-120X	MG RESISTOR	12 5X 1/10W	
R6016	NRSA02J-910X	RES. C-M	91 5X 1/10W	
R6021	NRSA02J-101X	MG RESISTOR	100 5X 1/10W	
R6022	NRSA02J-101X	MG RESISTOR	100 5X 1/10W	
R6023	NRSA02J-101X	MG RESISTOR	100 5X 1/10W	
R6024	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R6025	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R6026	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W	
R6027	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W	
R6028	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W	
R6029	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W	
R6031	NRSA02J-331X	MG RESISTOR	330 5X 1/10W	
R6032	NRSA02J-101X	MG RESISTOR	100 5X 1/10W	
R6041	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R6042	NRSA02J-183X	MG RESISTOR	18K 5X 1/10W	
R6043	NRSA02J-272X	MG RESISTOR	2.7K 5X 1/10W	
R6044	NRSA02J-273X	MG RESISTOR	27K 5X 1/10W	
R6045	NRSA02J-393X	MG RESISTOR	39K 5X 1/10W	
R6046	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R6047	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R6051	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R6052	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R6053	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R6034	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R6035	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W	
R6036	NRSA02J-OROX	MG RESISTOR	5X 1/10W	
R6037	NRSA02J-OROX	MG RESISTOR	5X 1/10W	
R6038	NRSA02J-OROX	MG RESISTOR	5X 1/10W	
R6039	NRSA02J-471X	MG RESISTOR	470 5X 1/10W	

■ Switch Board (UX-V5/UX-V3/FS-V5)

BLOCK NO. 02						BLOCK NO. 02					
A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX	A	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R6060	NRSA02J-471X	MG RESISTOR	470 5X 1/10W			CN	1	QGB201111-10	TOP PLUG ASSY	
	R6061	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W			D	1	1SR139-100-T2	SI DIODE	
	R6063	NRSA02J-124X	MG RESISTOR	120K 5X 1/10W			IC	1	SG-105F3-BB,C	PHOTO SENSER	
	R6064	NRSA02J-681X	MG RESISTOR	680 5X 1/10W			P	1	QNZ0104-001	POST PIN	
	R6066	NRSA02J-220X	MG RESISTOR	22 5X 1/10W			SW	1	MXS00220MVLO	CASSETTE SWITCH	R.REC
	R6067	NRSA02J-220X	MG RESISTOR	22 5X 1/10W			SW	2	MXS00220MVLO	CASSETTE SWITCH	TAPE
	R6068	NRSA02J-220X	MG RESISTOR	22 5X 1/10W			SW	4	MXS00220MVLO	CASSETTE SWITCH	70U
	R6069	NRSA02J-155X	MG RESISTOR	1.5M 5X 1/10W			SW	5	MXS00220MVLO	CASSETTE SWITCH	F.REC
	R6071	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			SW	5	MXS00220MVLO	CASSETTE SWITCH	F.REC
	R6072	NRSA02J-102X	MG RESISTOR	1.0K 5X 1/10W			SW	6	QSW0507-001	SWITCH	
	R6076	NRSA02J-OROX	MG RESISTOR	5X 1/10W							
	R6080	NRSA02J-OROX	MG RESISTOR	5X 1/10W							
	R6081	NRSA02J-OROX	MG RESISTOR	5X 1/10W							
	R6121	NRSA02J-101X	MG RESISTOR	100 5X 1/10W							
	W 805	QJL006-021302	SIN CR B-B WIRE	-W815 LED-LCD							
	W 814	QJK018-031203	SIN CR C-B WIRE	DOOR SW WIRE							
	W3004	QJK017-052600	SIN CR C-B WIRE	H.P WIRE							
	W3351	QJP003-042401	SHI CR C-B WIRE	MAIN-FUNC SHIEL							
	W5501	QJK018-020802	SIN CR C-B WIRE	TOP KEY WIRE							
	X6051	QAX0413-0012	CRYSTAL								

■ Preamp Board (UX-V5/UX-V3/FS-V5)

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
C 101	NCS21HJ-821X	C CAPACITOR	820PF 5X 50V	
C 102	NCS21HJ-221X	C CAPACITOR	220PF 5X 50V	
C 103	CEK40JM-227	E CAPACITOR	220PF 20X 6.3V	
C 104	NCS21HK-333X	C CAPACITOR	0.33MF 10X 50V	
C 105	NCS21HK-222X	C CAPACITOR	220PF 10X 50V	
C 106	CEK41CM-106	E CAPACITOR	10MF 20X 16V	
C 107	NCS21HJ-561X	C CAPACITOR	560PF 5X 50V	
C 108	CEK41EM-475	E CAPACITOR	4.7MF 20X 25V	
C 109	CEK41EM-475	E CAPACITOR	4.7MF 20X 25V	
C 110	NCS21HK-682X	C CAPACITOR	680PF 10X 50V	
C 111	NCS21HK-122X	C CAPACITOR	120PF 10X 50V	
C 112	NCS21HK-483X	C CAPACITOR	480PF 10X 50V	
C 113	NCS21HK-222X	C CAPACITOR	220PF 10X 50V	
C 121	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V	
C 201	NCS21HJ-221X	C CAPACITOR	220PF 5X 50V	
C 202	NCS21HJ-221X	C CAPACITOR	220PF 5X 50V	
C 203	CEK40JM-227	E CAPACITOR	220PF 20X 6.3V	
C 204	NCS21HK-333X	C CAPACITOR	0.33MF 10X 50V	
C 205	NCS21HK-222X	C CAPACITOR	220PF 10X 50V	
C 206	CEK41CM-106	E CAPACITOR	10MF 20X 16V	
C 207	NCS21HJ-561X	C CAPACITOR	560PF 5X 50V	
C 208	CEK41EM-475	E CAPACITOR	4.7MF 20X 25V	
C 209	CEK41EM-475	E CAPACITOR	4.7MF 20X 25V	
C 210	NCS21HK-682X	C CAPACITOR	680PF 10X 50V	
C 211	NCS21HK-122X	C CAPACITOR	120PF 10X 50V	
C 212	NCS21HK-483X	C CAPACITOR	480PF 10X 50V	
C 221	NCS21HJ-331X	C CAPACITOR	330PF 5X 50V	
C 301	CEK41CM-1072	E CAPACITOR	100MF 20X 10V	
C 302	NCS21HK-593X	C CAPACITOR	0.39MF 10X 50V	
C 303	CEK40JM-227	E CAPACITOR	220PF 20X 6.3V	
C 304	CEK41CM-226	E CAPACITOR	22MF 20X 16V	
C 305	CEK41CM-226	E CAPACITOR	22MF 20X 16V	
C 306	CEK41CM-476	E CAPACITOR	47MF 20X 16V	
C 307	NCS21HK-103X	C CAPACITOR	0.10MF 10X 50V	
C 308	NCS21HK-562X	C CAPACITOR	560PF 10X 50V	
C 309	NCS21HK-562X	C CAPACITOR	560PF 10X 50V	
C 310	NCS21HK-223X	C CAPACITOR	0.22MF 10X 50V	
C 311	NCS21HK-682X	C CAPACITOR	680PF 10X 50V	
C 313	CEK41CM-1072	E CAPACITOR	100MF 20X 10V	
C 314	CEK41CM-1072	E CAPACITOR	100MF 20X 10V	
C 315	CEK41CM-1552	E CAPACITOR	1.5MF	
C 316	CEK41CM-1552	E CAPACITOR	1.5MF	
C 317	CEK41CM-1032	E CAPACITOR	0.10MF 5X 100V	
C 318	NCS21HK-103X	C CAPACITOR	0.10MF 10X 50V	
C 319	CEK41CM-1032	E CAPACITOR	0.10MF 5X 100V	
C 321	NCS21HK-103X	C CAPACITOR	820PF 5X 100V	
C 322	CEK41CM-1552	E CAPACITOR	0.10MF 5X 100V	
C 331	CEK41CM-476	E CAPACITOR	47MF 20X 16V	
C 351	CEK41CM-106	E CAPACITOR	10MF 20X 16V	
C 371	CEK41EM-475	E CAPACITOR	4.7MF 20X 25V	
C 376	CEK41EM-1072	E CAPACITOR	100MF 20X 10V	
C 375	CEK41EM-1072	E CAPACITOR	100MF 20X 10V	
C 376	NCS21HK-103X	C CAPACITOR	0.10MF 10X 50V	
CN 31	GGF1205F1-06	CONNECTOR	PRI/HEAD	
CN 32	QGB2011M1-10	PWB CONNECTOR	PRI/MECHA	

REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
CN 33	GGF1205F1-09	CONNECTOR	PRI/HICON	
CN 34	GGF1205F1-10	CONNECTOR	PRI/AMP	
D 301	MA152MA-X	DIODE		
D 309	MA706A-X	S K-DIODE		
D 375	MA3051M/-X	ZENER DIODE		
FW 31	QUM024-06A213	EF FLAT	HEAD SW	
IC 31	BA3126N	IC	PB&REC	
IC 32	AN7317	IC		
IC 33	BU4094BCF-X	IC		
L 301	QGR0620-001	OSC COIL(BIAS)		
L 303	GGLO1BK-1002	INDUCTOR		
Q 101	DT114TKA-X	TRANSISTOR	REC EQ CONT.	
Q 102	DT114TKA-X	TRANSISTOR		
Q 201	DT114TKA-X	TRANSISTOR		
Q 202	DT114TKA-X	TRANSISTOR	REC EQ CONT.	
Q 301	DT114TKA-X	TRANSISTOR		
Q 302	2SC2001/K/-T	TR I/M		
Q 303	2SC2001/K/-T	TR I/M		
Q 304	2SC2001/LK/-T	TRANSISTOR		
Q 305	2SC2001/LK/-T	TRANSISTOR		
Q 306	2SC2412K/RS/-X	CHIP TR-C.M		
Q 307	2SC2412K/RS/-X	CHIP TR-C.M		
Q 308	2SC2412K/RS/-X	CHIP TR-C.M		
Q 309	2SC2412K/RS/-X	CHIP TR-C.M		
Q 321	DT114TKA-X	TRANSISTOR		
Q 323	2SC2412K/RS/-X	CHIP TR-C.M		
Q 371	2SA952/LK/-T	TRANSISTOR	MOTER+B	
Q 372	DT124EKA-X	TRANSISTOR		
Q 375	2SB562/C/-T	TRANSISTOR	SOLENOID DRIVE	
Q 376	2SC2412K/RS/-X	CHIP TR-C.M		
R 101	NRSA02J-220X	MG RESISTOR	22 5X 1/10W	
R 102	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 103	NRSA02J-242NY	MG RESISTOR	2.4K 5X 1/10W	
R 104	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R 105	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R 106	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R 107	NRSA02J-123X	RES. C.M	12K 5X 1/10W	
R 108	NRSA02J-562X	MG RESISTOR	5.6K 5X 1/10W	
R 109	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R 110	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
R 111	NRSA02J-333X	MG RESISTOR	33K 5X 1/10W	
R 112	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 113	NRSA02J-472X	RES. C.M	4.7K 5X 1/10W	
R 114	NRSA02J-222X	MG RESISTOR	2.2K 5X 1/10W	
R 115	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 121	NRSA02J-102X	RES. C.M	1.0K 5X 1/10W	
R 201	NRSA02J-220X	MG RESISTOR	22 5X 1/10W	
R 202	NRSA02J-182X	MG RESISTOR	1.8K 5X 1/10W	
R 203	NRSA02J-242NY	MG RESISTOR	2.4K 5X 1/10W	
R 204	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	
R 205	NRSA02J-104X	MG RESISTOR	100K 5X 1/10W	
R 206	NRSA02J-332X	MG RESISTOR	3.3K 5X 1/10W	
R 207	NRSA02J-123X	RES. C.M	12K 5X 1/10W	
R 208	NRSA02J-562X	MG RESISTOR	5.6K 5X 1/10W	
R 209	NRSA02J-122X	MG RESISTOR	1.2K 5X 1/10W	

BLOCK NO. 00000000				SUFFIX
REF.	PARTS NO.	PARTS NAME	REMARKS	
R 210	NRS02J-472X	RES. C.M	4.7K 5% 1/10W	
R 211	NRS02J-33X	MG RESISTOR	33K 5% 1/10W	
R 212	NRS02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R 213	NRS02J-472X	RES. C.M	4.7K 5% 1/10W	
R 214	NRS02J-272X	MG RESISTOR	2.7K 5% 1/10W	
R 216	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R 221	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R 301	NRS181J-221X	MG RESISTOR	220 5% 1/8W	
R 303	NRS02J-393X	MG RESISTOR	39K 5% 1/10W	
R 304	NRS181J-101X	MG RESISTOR	100 5% 1/8W	
R 305	NRS02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R 306	NRS02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R 310	NRS181J-560X	MG RESISTOR	56 5% 1/8W	
R 311	NRS181J-560X	MG RESISTOR	56 5% 1/8W	
R 313	NRS02J-3R3NY	RES. C.M	3.3 5% 1/10W	
R 314	NRS02J-223X	RES. C.M	22K 5% 1/10W	
R 315	NRS02J-100X	MG RESISTOR	10 5% 1/10W	
R 316	NRS02J-223X	RES. C.M	22K 5% 1/10W	
R 317	NRS02J-100X	MG RESISTOR	10 5% 1/10W	
R 319	NRS02J-152X	MG RESISTOR	1.5K 5% 1/10W	
R 322	NRS02J-152X	MG RESISTOR	1.5K 5% 1/10W	
R 327	NRS02J-474X	MG RESISTOR	470K 5% 1/10W	
R 332	NRS02J-123X	RES. C.M	12K 5% 1/10W	
R 333	NRS02J-123X	RES. C.M	12K 5% 1/10W	
R 335	NRS02J-152X	MG RESISTOR	1.5K 5% 1/10W	
R 336	NRS02J-472X	RES. C.M	4.7K 5% 1/10W	
R 337	NRS02J-332X	MG RESISTOR	3.3K 5% 1/10W	
R 338	NRS02J-392X	MG RESISTOR	3.9K 5% 1/10W	
R 339	NRS02J-222X	MG RESISTOR	2.2K 5% 1/10W	
R 340	NRS181J-391X	MG RESISTOR	390 5% 1/8W	
R 341	NRS02J-123X	RES. C.M	12K 5% 1/10W	
R 342	NRS02J-203X	MG RESISTOR	20K 5% 1/10W	
R 343	NRS02J-183X	MG RESISTOR	18K 5% 1/10W	
R 351	NRS02J-683X	MG RESISTOR	68K 5% 1/10W	
R 352	NRS02J-912X	RES. C.M	9.1K 5% 1/10W	
R 371	NRS02J-123X	RES. C.M	12K 5% 1/10W	
R 372	NRS02J-102X	RES. C.M	1.0K 5% 1/10W	
R 375	NRS02J-151X	MG RESISTOR	150 5% 1/10W	
R 376	NRS02J-472X	RES. C.M	4.7K 5% 1/10W	
VR 31	QVP0008-503Z	SEMI V RESISTOR	DIAS ADJ	
VR 32	QVP0008-503Z	SEMI V RESISTOR	DIAS ADJ	
VR 37	QVP0008-103Z	SEMI V RESISTOR	TAPE SPEED ADJ	



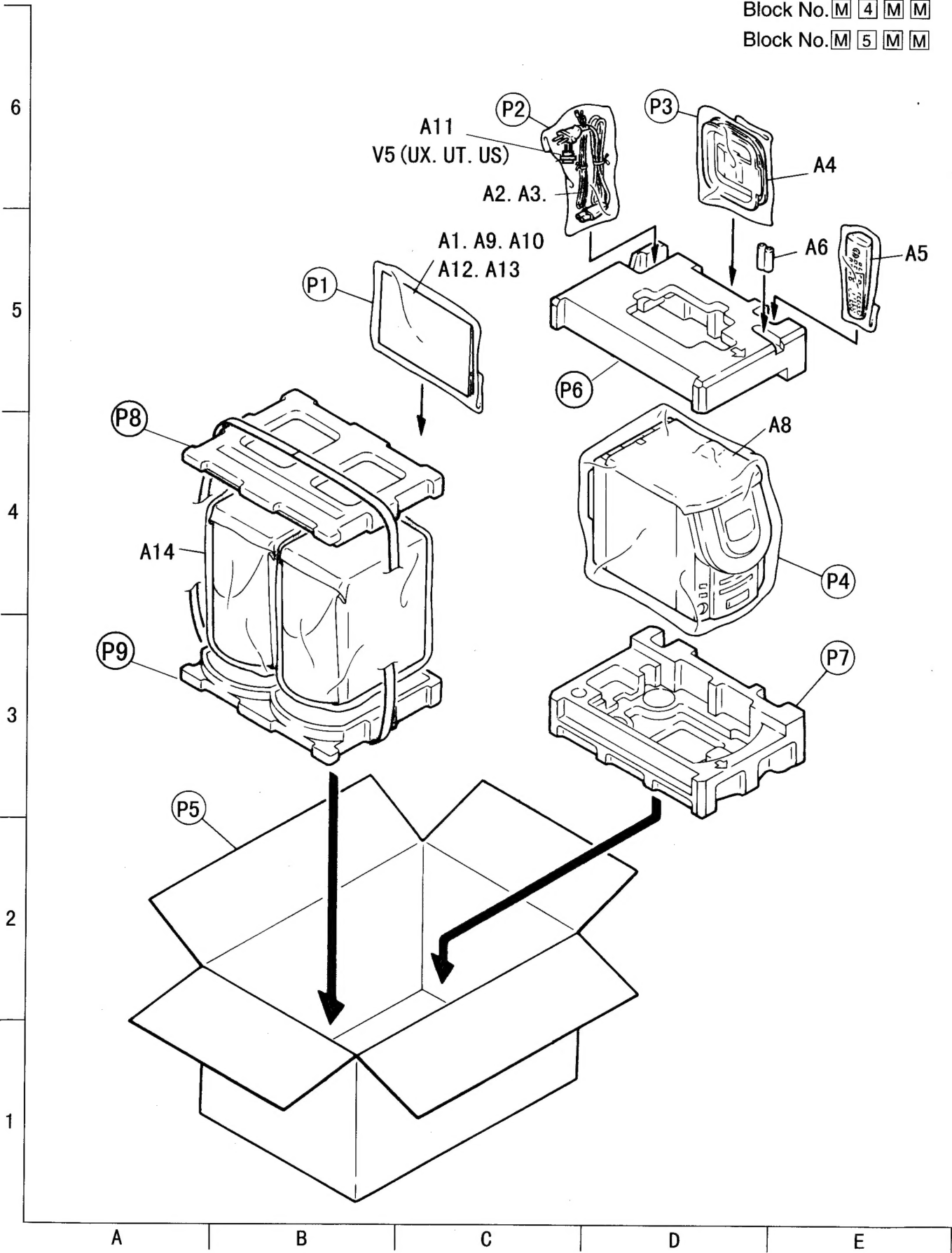
# Packing Materials and Accessories Parts List

Block No. 

M	4	M	M
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Block No. 

M	5	M	M
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# Packing Parts List

BLOCK NO. **M4MM**

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
P 1	QPA02503503P	POLY BAG	FOR INST	1		
P 2	QPA01503503	POLY BAG	UB	1		
	QPA01202505	POLY BAG	FS-V5	1		
	QPA01202505	POLY BAG	UX/US/UF/UT	1		
P 3	QPA01702503P	POLY BAG	FOR AM ANT	1		
P 4	QPC05005015P	POLY BAG		1		
P 5	LV30907-002A	CARTON	V5	1		
	LV30907-001A	CARTON	V3	1		
	LV30907-011A	CARTON	FS-V5	1		
P 6	LV10182-001A	CUSHION(TOP)		1		
P 7	LV10182-002A	CUSHION(BOTTOM)		1		
P 8	LV20328-001A	SP CUSHION(TOP)		1		
P 9	LV20329-001A	SP CUSHION(BOTT)		1		

# Accessories Parts List

BLOCK NO. **M5MM**

REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
A 1	LVT0212-001A	INST V5/V3 UB	CHI	1		
	LVT0212-001A	INST V5/V3 UX	ARA	1		
	LVT0212-001A	INST V5/V3 UT	CHI	1		
	LVT0212-001A	INST V5/V3 US	CHI	1		
	LVT0212-002A	INST V5/V3 UX	ARA	1		
	LVT0212-003A	INST V5 UF	CHI	1		
A 2	LVT0214-001A	INST FS-V5 J	ENG SPA FRE	1		
	QMPE090-183-JD	POWER CORD	FS-V5	1		
	QMPL080-183-JC	POWER CORD	V5/V3 US	1		
	QMPS020-183-JC	POWER CORD	V5/UF	1		
	QMPS060-160-E2	POWER CORD	V5/V3 UX/UT	1		
	QMPP060-183-JD	POWER CORD	V5/V3 UB	1		
A 3	EWP201-011	ANT WIRE	V5/V3	1		
A 4	QAL0014-001	AM LOOP ANT		1		
A 5	RM-RXUV3	REMOCON UNIT	V5/V3	1		
	RM-RXFSV5	REMOCON UNIT	FS-V5	1		
A 6	-----	BATTERY		2		
A 8	LV41088-001A	CAUTION SHEET		1		
A 9	BT-52004-1	WARRANTY CARD	FS-V5	1		
	BT-59007-2	WARRANTY CARD	V3/UF	1		
	BT-51018-1	WARRANTY CARD	FS-V5	1		
A 10	BT-20071B	SERVICE NETWORK	FS-V5	1		
	BT-59009-1	SERVICE NETWORK	V5/UF	1		
A 11	V04062-001	AC PLUG	V5 UX/UT	1		
	V04062-002	AC PLUG	V5 US	1		
A 12	BT-20044G	SAFETY SHEET	FS-V5	1		
A 13	BT-51020-2	REGISTER CARD	FS-V5	1		
A 14	UXV3K-SPBOX	SPEAKER BOX	V3	2		
	UXV5RK-SPBOX	SPEAKER BOX	V5 FS-V5	2		

UX-V3/UX-V5  
UX-V5R/FS-V5

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